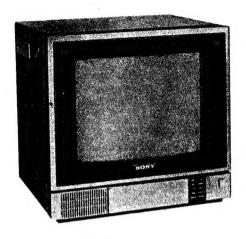
PW-13710W

SERVICE MANUAL

West Germany Model

Chassis No. SCC-687A-A



August, 1985

SPECIFICATIONS

Color system

PAL, SECAM, NTSC and NTSC4.43 systems,

switched automatically

Picture tube

Resolution

Trinitron tube

Approx. 33 cm (13 inches), 90-degree deflec-

tion, Super Fine Pitch 0.25 mm

(Approx. 31 cm picture measured diagonally)

RGB inputs: 600 lines, 640 × 200 dots

Composite input: 550 lines

Color temperature

6,500°K

(Can be changed to either temperature by an internal switch. For switching of the color temperature, consult your authorized

Sony dealer.)

10 MHz (-3 dB, RGB) Frequency response

5.5 MHz (-3 dB, composite video)

Horizontal linearity ±8%

±5% Vertical linearity

Line pull range

Horizontal +500 Hz

Vertical 8 Hz

Overscan of the picture

Underscan of the picture

Return loss

4 MHz, 35 dB (LINE A, LINE B)

Zooming

Within 2%

Convergence

Central area 0.6 mm

Periphery 0.8 mm

Brightness

More than 35 foot-lamberts

Inputs

VIDEO IN: BNC connector VTR: 8-pin connector, Pin No. 2 (pin No.

6: around)

composite 1 Vp-p ±6 dB, sync negative, 75 ohms and high impedance switchable

- AUDIO IN: mini jack

VTR: 8-pin connector, Pin No. 1 (pin No.

5: ground)

-5 dBs, high impedance EXT SYNC IN: BNC connector composite sync 2 - 8 Vp-p, negative, 75 ohms and high impedance switchable

RGB IN: BNC connector

0.7 Vp-p, ±6 dB, 75 ohms, non composite

AUDIO (RGB) IN: mini jack -5 dBs, high impedance CMPTR: 25-pin connector For details, see "CMPTR connector"

VIDEO OUT: BNC connector AUDIO OUT: mini jack Output level 1 W

EXT SYNC OUT: BNC connector RGB OUT: BNC connector AUDIO (RGB) OUT: mini jack

Loop-through

Power requirements 220 - 240 V ac, 50/60 Hz

Power consumption

Approx. $346 \times 330 \times 387 \text{ mm (w/h/d)}$ (135/8 × 13 × 151/4 inches)

Weight

Dimensions

Outputs

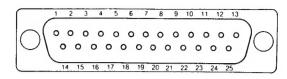
Approx. 14.5 kg (31 lb 15 oz)



TRINITRON® **COLOR VIDEO MONITOR** SONY



CMPTR connector (25-pin) Pin assignment



Pin No.	Signal	Signal level				
1*	IBM select	High state (5 V): IBM mode Low state: 3 Bit TTL				
2	Audio select	High state (5 V or open): Audio inputs from pin 13. Low state (less than 0.4 V): Audio inputs from the LINE A AUDIO IN jack				
3	H. sync or composite sync	Negative polarity When the high state is selected at pin 9: 1 V p-p, 75-ohm terminated When the low state is selected at pin 9: TTL level				
4	Blue input	Positive polarity When the high state is selected at pin 9:				
5	Green input	Analog signal (0.7 V p-p, 75-ohm terminated, non sync) When the low state is selected at pin 9: Digital signal (TTL level)				
6	Red input					
7	+ 12 V power supply	0.3 A max				
8	+5 V power supply	0.6 A max				
9*	Analog/digital mode select	High state (open): Analog signal (0.7 V p-p) Low state (ground): Digital signal (TTL level)				
10	RGB/NORMAL mode select	High state (5 V or open): RGB inputs from a microcomputer Low state (ground): Composite video inputs from the LINE A VIDEO IN connector				
11	V-sync	Negative polarity TTL level				
12	Blanking	High state (5 V or open): Video inputs from a microcomputer only Low state (ground): Composite video input from the LINE A VIDEO IN connector During the low state, the video signal from the microcomputer is blanked and the composite video signal from the LINE A VIDEO IN connector is superimposed over the signal from the microcomputer.				
13	Audio input	Input level -5 dB (100% modulation), input impedance more than 47 k ohms				
14	EXT/INT mode sync switch	High state (open): Sync signal input from the CMPTR connector Low state: Sync signal input from the LINE A VIDEO IN connector				
15-24	Ground					
25 *	IBM luminance signal	Positive polarity When the high state is selected at pin 1: TTL level When the low state is selected at pin 1: Low state (ground)				

*Examples for microcomputer connections

Pin No. Microcomputer	1	9	25
SMC-70/SMC-70G	_	High state	
IBM computer	High state	Low state	IBM luminance signal
TTL 3BIT computer	Low state	Low state	Low state

While the information given is true at the time of printing, small production changes in the course of our company's policy of improvement through research and design might not necessarily be indicated in the specifications. We would ask you to check with your appointed Sony dealer if clarification on any point is required.

TABLE OF CONTENTS

Section	<u>Title</u>	Page
1. GENE	RAL	
1-1.	Features	4
1-2.	Precautions	4
1-3.	Location and Function of Parts and Controls	5
1-4.	System Connections	8
2. DISA	SSEMBLY	
2-1.	Cabinet Ass'y Removal	12
2 - 2.	B Board Removal	12
2-3.	Chassis Ass'y Removal	13
2-4.	F Board Removal (1)	14
2-5.	F Board Removal (2)	14
2-6.	Picture Tube Removal	15
3. SETU	P ADJUSTMENTS	
3-1.	Beam Landing	17
3-2.	Convergence	18
3-3.	Focus (RV714)	18
3-4.	White Balance	19
4. CIRCI	JIT ADJUSTMENTS	
4-1.	D Board/F Board Adjustments	21
4-2.	B Board Adjustments	25
4-3.	Q Board Adjustments	29
5. DIAG	RAMS	
5-1.	Circuit Boards Location	33
5-2.	Block Diagram	33
5-3.	Semiconductors	36
5-4.	Schematic Diagrams	37
5-5.	Printed Wiring Boards	45
5-6.	Waveforms	53
6. EXPL	ODED VIEWS	
6-1.	Cabinet Ass'y	57
6-2.	Bezel Ass'y	58
6-3.	Chassis Ass'y	59
7. ELEC	TRICAL PARTS LIST	60

SAFETY-RELATED COMPONENT WARNING!

COMPONENTS IDENTIFIED BY SHADING AND MARK

NON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL TO SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

SECTION 1 GENERAL

1-1. FEATURES

High-resolution picture

The Super Fine Pitch Trinitron picture tube (0.25 mm aperture grill) gives high resolution (composite: 550 lines, RGB: 600 lines) picture. When used as a character display, up to 2000 characters (80 characters/line × 25 lines) can be displayed with great clarity.

Analog/digital RGB input

Analog RGB and digital (TTL level) RGB input signals can be fed to the RGB input connectors (BNC type and 25-pin multi connectors), which allows a microcomputer or a data information system such as teletext, to be connected to this monitor.

Receives 4 TV broadcasting standards

This monitor can receive PAL, SECAM, NTSC and NTSC $_{4.43}$ * signals. The appropriate broadcasting standard is selected automatically.

Colorpure Filter

When NTSC video signals are received, a colorpure filter activates to increase the resolution about 35%, resulting in fine picture detail without color spill or color noise.

Underscan mode

The signal normally scanned outside of the screen can be monitored in the underscan mode.

Automatic frequency control

The incoming sync timing error compensation speed can be set to fast or slow, according to the input signal. In the slow mode, the jitter from a video tape recorder can be easily monitored.

Superimposition of a picture from a microcomputer on a picture from video equipment

When a Sony SMC-70 or SMC-70G microcomputer, an SMI-7073 superimposer and video equipment such as a video disc player are used together with this monitor, a picture from the microcomputer can be superimposed on a picture from the video equipment.

 * An NTSC_{4.43} system signal is obtained by playing back NTSC-recorded video tapes with a video tape recorder/player specially designed for use with this system.

By using an optional MB-502 mounting bracket, the PVM-1371QM can be mounted in an EIA standard 19-inch rack. An optional SLR-102 slide rail is also available.

For mounting details, see the appropriate instruction manual.

1-2. PRECAUTIONS

On safety

- Check that the operating voltage of your unit is identical with the voltage of your local power supply.
- •Should any liquid or solid object fall into the cabinet, unplug the unit and have it checked by qualified personnel before operating it any further.
- •Unplug the unit from the wall outlet if it is not to be used for several days.
- ●To disconnect the ac power cord, pull it out by the plug. Never pull the cord itself.

On installation

•Allow adequate air circulation to prevent internal heat build-up.

Do not place the unit on surfaces (rugs, blankets, etc.) or near materials (curtains, draperies) that may block the ventilation holes.

•Do not install the unit in a location near heat sources such as radiators or air ducts, or in a place subject to direct sunlight, excessive dust, mechanical vibration or shock.

On cleaning

To keep the unit looking brand-new, periodically clean it with a soft cloth. Stubborn stains may be removed with a cloth lightly dampened with a mild detergent solution. Never use strong solvents such as thinner or benzine, or abrasive cleansers since these will damage the cabinet. As a safety precaution, unplug the unit before cleaning it.

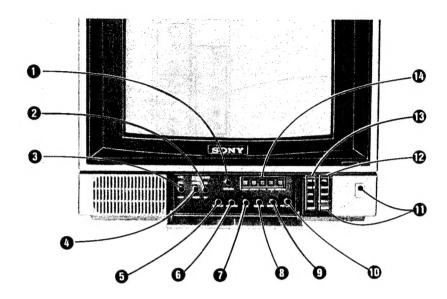
On repacking

Do not throw away the carton and packing materials. They make an ideal container in which to transport the unit. When shipping the unit to another location, repack it as illustrated on the carton.

If you have any questions about this unit, contact your authorized Sony dealer.

1-3. LOCATION AND FUNCTION OF PARTS AND CONTROLS

Front panel



FRONT PANEL

SECAM button

Press this button when a picture from SECAM color sources is distorted. The picture will become clear.

2 SYNC select switch

Sync may be supplied from an external sync generator to the EXT SYNC IN connector on the rear PANEL. When an external sync is supplied, with either a composite or noncomposite video input, set the SYNC select switch to EXT. When composite video is supplied with no external sync, set the SYNC select switch to INT.

3 AFC (automatic frequency control) switch

Select the AFC operation in the fast mode or slow mode.

FAST: incoming sync timing errors are compensated for.
Normally, set this switch to this position.

SLOW: incoming sync timing errors are displayed on the screen

This mode is used to monitor the jitter from a $\ensuremath{\mathsf{VTR}}.$

O SCAN MODE select switch

Normal scanning or under scanning is achieved by proper setting of the SCAN MODE select switch. Set to NORMAL for normal scanning, or to UNDER for viewing a picture which does not appear in normal scanning. Under scanning reduces the display size by about 9%.

O V HOLD (vertical hold) control

If the picture rolls vertically, correct it with this control.

O VOLUME control

Turn this control clockwise or counterclockwise to obtain the desired volume.

HUE control

This control is effective only for playing tapes of the NTSC or NTSC $_{4.43}$ system. Use to obtain the most natural skin tones. Clockwise rotation makes the skin tones more greenish; counterclockwise rotation makes them more purplish.

COLOR control

Adjusts the color intensity of the picture. Clockwise rotation makes the picture more vivid; counterclockwise rotation makes it paler.

BRIGHT (brightness) control

Adjusts the brightness. Normally set this control at the center detent position.

® PICTURE control

Adjusts the contrast, color intensity and brightness simultaneously in the proper ratio.

POWER switch and indicator

To turn the monitor on, depress the POWER switch. The indicator will light. To turn the monitor off, press the switch again.

Color system indicators

Indicate the color system of the input video signal.

(B) Input indicators

Illuminate to indicate the input select button pressed.

(1) input select buttons

Press to select the program to be monitored.

LINE A: for a signal from the LINE A connectors.

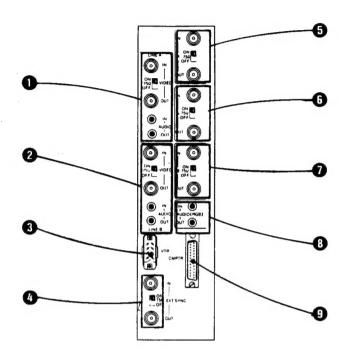
LINE B: for a signal from the LINE B connectors.

VTR: for a signal from the 8-pin VTR connector.

RGB: for a signal from the R, G and B connectors.

CMPTR: for a signal from the 25-pin CMPTR connector.

Rear panel



REAR PANEL

O LINE A O LINE B

Two groups (A and B) of line input connectors for the composite video and audio signals and their loop-through output connectors.

To monitor the input signals to these connectors, press the LINE A or LINE B input select button on the front panel.

VIDEO IN connector (BNC type)

Connect to the video output of a video equipment, such as a VTR or a color video camera. For a loop-through connection, connect to the video output of another monitor.

VIDEO OUT connector (BNC type)

Loop-through output of the VIDEO IN connector. Connect to the video input of a VTR or another monitor.

AUDIO IN lack (mini)

Connect to the audio output of a VTR or to a microphone via a suitable microphone amplifier. For a loop-through connection, connect to the audio output of another monitor.

AUDIO OUT jack (mini)

Loop-through output of the AUDIO IN jack. Connect to the video input of a VTR or another monitor.

75-ohm termination switch

When only the VIDEO IN connector is used (nothing is connected to the VIDEO OUT connector), set this switch to ON. When both the VIDEO IN and VIDEO OUT connectors are used together for loop-through connection, set this switch to OFF.

3 VTR connector (8-pin)

Line input for the video and audio signals. When connected with the 8-pin TV connector of a VTR, the video and audio playback signal from the VTR can be connected with a single cable.

To monitor the input signal to this connector, press the VTR input select button on the front panel.

• For connection, use an optional video cable VMC-3P (3 m, 9 feet), -5P (5 m, 15 feet) or -10P (10 m, 33 feet).

EXT SYNC (external sync)

IN connector (BNC type)

When this monitor operates on an external sync signal, connect the reference signal from a sync generator here.

OUT connector (BNC type)

Loop-through output of the EXT SYNC IN connector. Connect to the external sync input of video equipment to be synchronized with this monitor.

75-ohm termination switch

When only the EXT SYNC IN connector is used (nothing is connected to the EXT SYNC OUT connector), set this switch to ON

When both the EXT SYNC IN and EXT SYNC OUT connectors are used together for a loop-through connection, set this switch to OFF.

GR GG B B AUDIO (RGB)

Analog RGB and audio input connectors and their loop-through output connectors.

To monitor the input signal to these connectors, press the RGB input select button on the front panel.

R/G/B IN conectors (BNC type)

Connect a character generator, microcomputer or video camera having RGB outputs here.

R/G/B OUT connectors (BNC type)

Loop through output of the R/G/B IN connectors. Connect to the RGB inputs of another monitor here.

75-ohm termination switch

When only the R/G/B IN connector is used (nothing is connected to the R/G/B OUT connector), set this switch to ON. When both the R/G/B IN and R/G/B OUT connectors are used together for a loop-through connection, set this switch to OFF.

AUDIO (RGB) IN jack (mini)

Connect the audio output of the equipment connected to the R/G/B IN connectors here.

AUDIO (RGB) OUT jack (mini)

Loop-through output of the AUDIO (RGB) IN jack.

O CMPTR (computer) connector (25-pin)

Connect with a microcomputer having a digital (TTL level) or analog RGB video output.

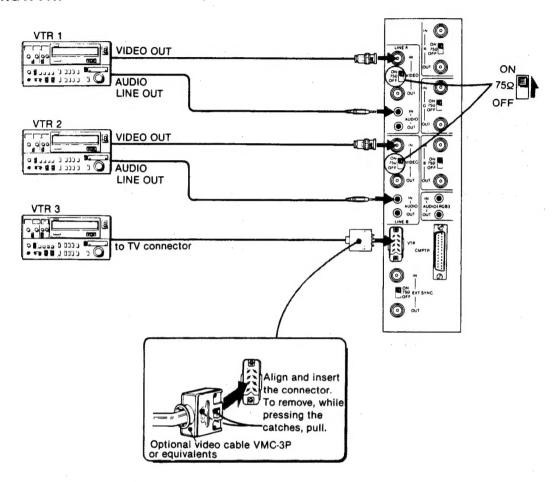
To monitor the input signal to this connector, press the CMPTR input select button on the front panel.

Color temperature selection

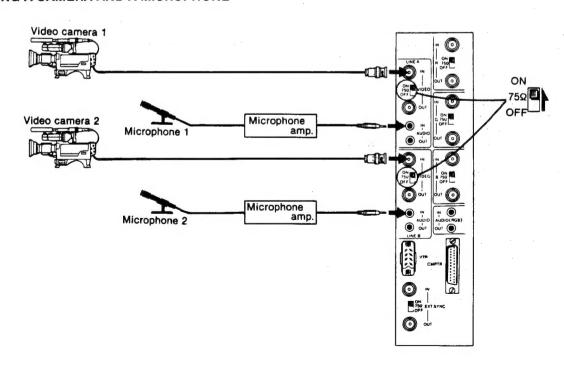
The color temperature of the PVM-1371QM has been preset to 6,500°K, and can be changed to 9,300°K.

If the switching of the color temperature is required, consult your authorized Sony dealer.

1-4. SYSTEM CONNECTIONS CONNECTING A VTR

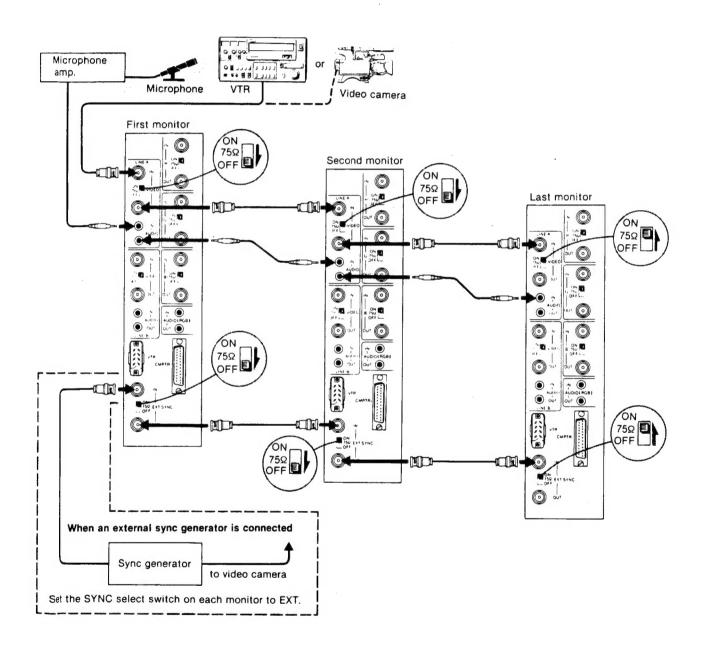


CONNECTING A CAMERA AND A MICROPHONE

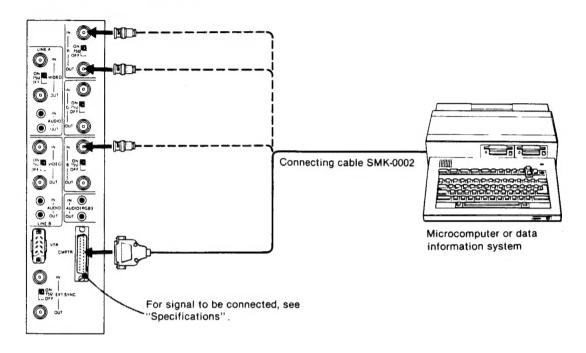


CONNECTING SEVERAL MONITORS

A loop-through connection is convenient for monitoring the same signal on other monitors. Use the video/audio input and output connectors of LINE A or LINE B to connect the monitors. Up to 10 monitors can be connected. Set the 75-ohm termination switch of the last monitor to ON and that of the other monitors to OFF.



CONNECTING A MICROCOMPUTER OR A TER-MINAL FOR DATA INFORMATION SYSTEM

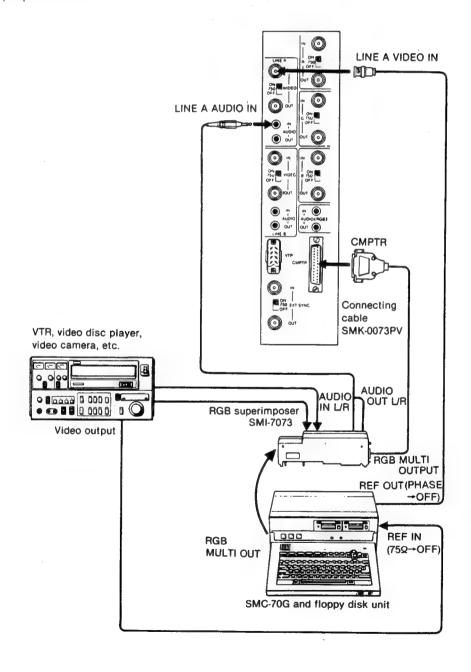


When a microcomputer has only a composite video output connector, connect it to the LINE A or LINE B VIDEO IN connector.

SUPERIMPOSING A PICTURE FROM A MICROCOM-PUTER OVER A PICTURE FROM A VIDEO EQUIP-MENT OR MIXING THESE TWO PICTURES

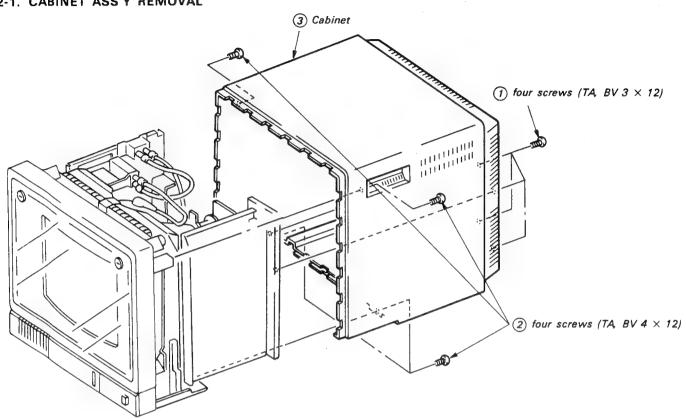
Using the Sony SMI-7073 superimposer, a picture from a microcomputer can be superimposed on this monitor's screen over a picture from video equipment.

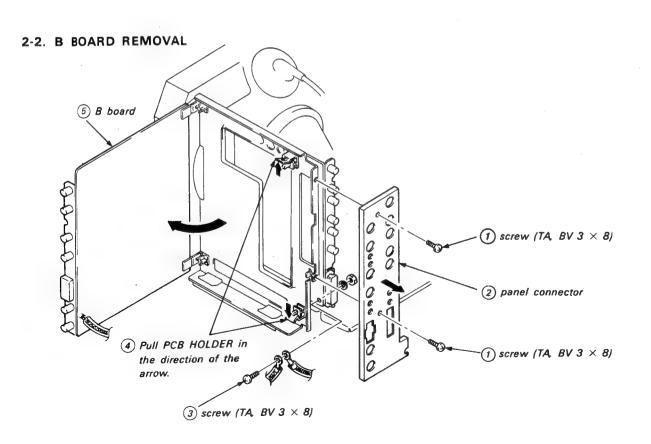
When the SMC-70 microcomputer is used, superimposition of pictures from a video disc player and from the SMC-70 is possible. When the SMC-70G microcomputer is used, superimposition of pictures from the SMC-70G and video equipment in addition to a video disc player, such as a video camera or a VTR, is possible.



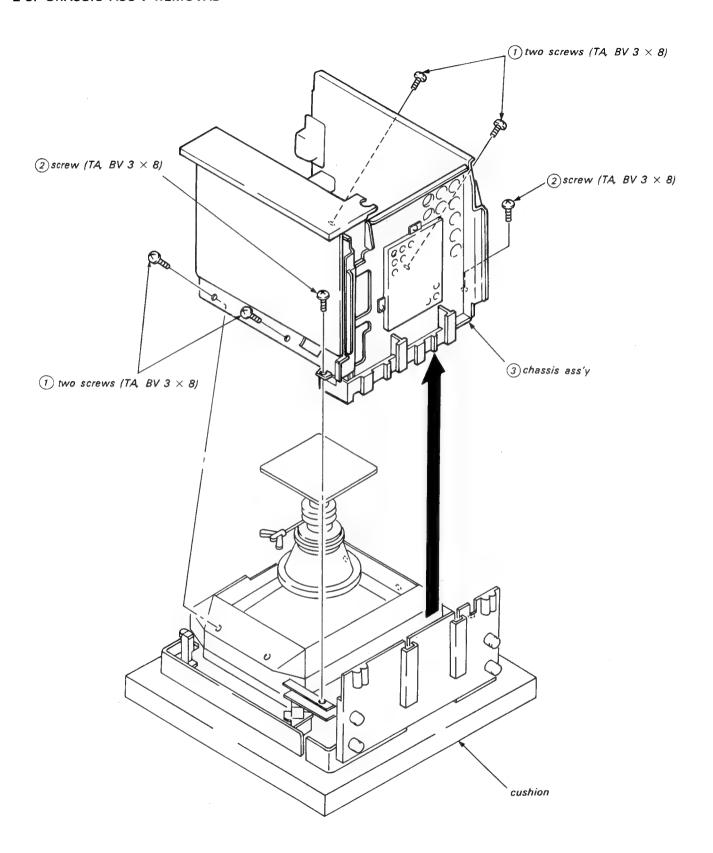
SECTION 2 DISASSEMBLY

2-1. CABINET ASS'Y REMOVAL

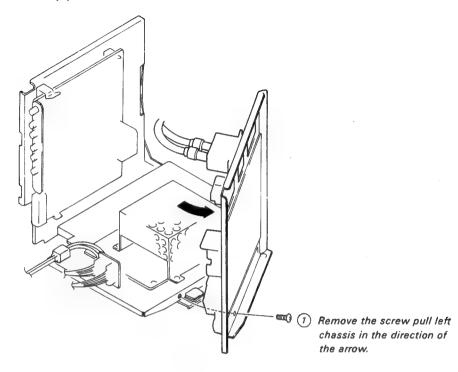


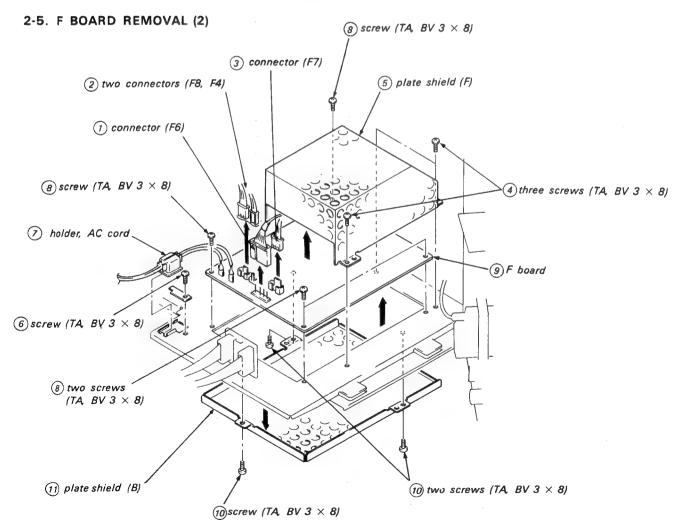


2-3. CHASSIS ASS'Y REMOVAL

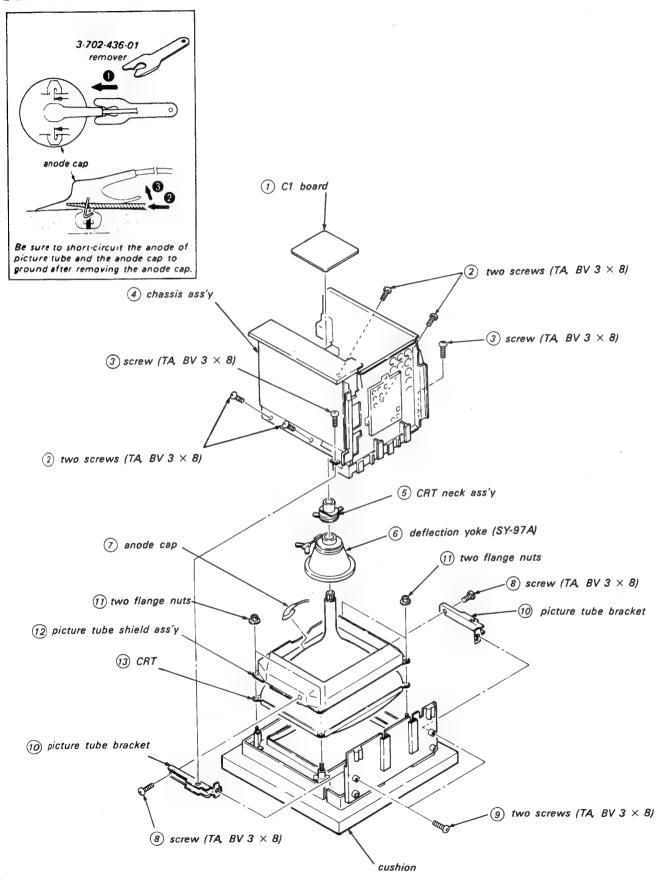


2-4. F BOARD REMOVAL (1)





2-6. PICTURE TUBE REMOVAL

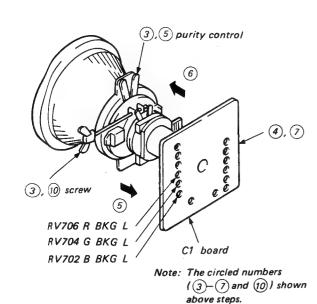


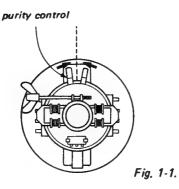
SECTION 3 SETUP ADJUSTMENTS

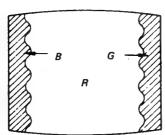
3-1. BEAM LANDING

Landing Adjustment In the case of a 6,500°K color temperature, the number of VRs to be adjusted will differ.

- (1) Turn on set power supply and receive and allwhite signal.
- (2) Evenly degauss the entire screen.
- (3) Loosen the deflection yoke mounting screw, and set the purity control to the center as shown in Fig. 1-1
- (4) Set BKG volume RV706 (R) to maximum and set RV704 (G) and RV702 (B) to minimum.
- (5) Move the deflection yoke back, and adjust the purity control so that (R) is in the center and (G) and (B) are at the sides, evenly. (Fig. 1-2)
- (6) Move the deflection yoke forward so that the entire screen is R.
 - * If the deflection yoke is pushed all the way to the CRT then moved slightly back, landing adjustment is easier.
- (7) Substitute (R), then (B) for (G) in step (4) and check landing.
- (8) Rotate (R), (G) and (B) once each and check landing.
- (9) When landing is not right, adjust the purity control and use magnets as shown in Fig. 1-3, then repeat steps (7) and (8).
- (10) When a magnet is used, be sure to perform step (2), and tighten deflection yoke mounting screw loosely.







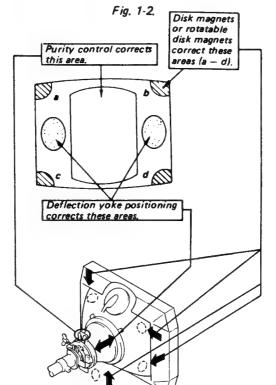


Fig. 1-3.

3-2. CONVERGENCE

Preparation:

- Before starting, perform FOCUS, H.SIZE, V.SIZE and V.LIN adjustments.
- Set BRIGHTNESS control to fully counterclockwise.

RV706 R BKG L

RV704 G BKG L

RV702 B BKG L

Feed in the dot pattern.

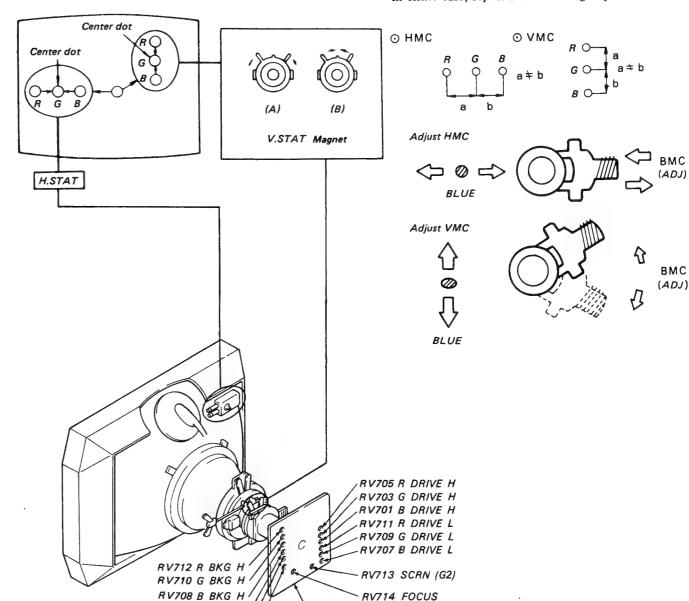
(1) Horizontal and Vertical Static Convergence

If blue dot does not coincide with red and green dots, perform following steps.

Move BMC magnet to correct insufficient H.static convergence.

Rotate BMC magnet to correct insufficient V.static convergence.

In either case, repeat Beam Landing Adjustment.



(1) Feed in monoscope signal, (PICTURE: 80%, BRIGHT: 50%)

3-3. FOCUS (RV714)

(2) Adjust RV714 for best Focus.

(2) Dynami

Preparation:

- Before st
 Static Co:
- 1. Loosen de
- 2. Remove of
- 3. Move the shown be
- 4. Tighten t
- 5. Install the

Preparations

3-4. WHI1

Adjustment

- scope s
 The G1
- 2) Adjust R.G.B. with G. disappe

[For 6500°K

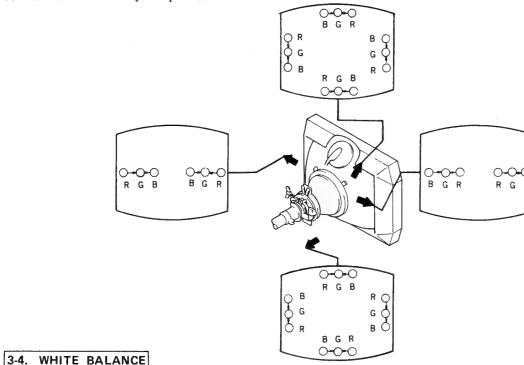
- (1) Receive generate Set BRI
- 2) Attach a C1 boar CONT' picture

C1 board

(2) Dynamic Convergence Adjustment

Preparation:

- Before starting, perform Horizontal and Vertical Static Convergence Adjustment.
- 1. Loosen deflection yoke screw.
- 2. Remove deflection yoke spacers.
- Move the deflection yoke for best convergence as shown below.
- 4. Tighten the deflection yoke screw.
- 5. Install the deflection yoke spacers.



(ADJ)

вмс

(ADJ)

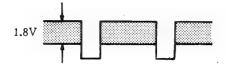
Preparations

Adjustment of Screen (G2)

- Make th picture into minimum by receiving monoscope signal, and set the brightness at 50%.
 The G1 voltage at the time should be 5 ± 1V.
- Adjust BKG VRs (RV702, R704 and R706) so that R.G.B. Cathode voltage becomes 110V DC. Adjust with G2 VRs (RV713) immediately prior to the disappearing of the luminscent line.

[For 6500°K Color Temperature:]

- (1) Receive a totally white signal from the pattern generator.
 - Set BRIGHT at 50%, PICTURE at 0%, the various
- 2) Attach an oscilloscope to the input point B (blue) of C1 board, and perform adjusting with RV107 (SUB CONT VR) so that the signal of the maximum size of picture will become 1.8V.



- BKG VRs (RV702, RV704 and RV706) at 20%, and the various DRIVE VRs (RV707, RV709 and RV711) at 80%.
- 4) Turn all the other BKG VRs than the one for the color that started glowing first, and adjust the white balance at cut-off.
- Adjust the high light side white balance with drive VRs.
- 6) By turning other drive VRs than the one for the color glowing the brightest of all, adjust the white balance. Repeat operating steps 3) and 4).

[For 9,300°K Color Temperature:]

 By turning BKG VRs (RV708, RV710 and RV712) and drive VRs (RV701, RV703 and RV705), make the same adjustment as in the 9,300°K color temperature mode.

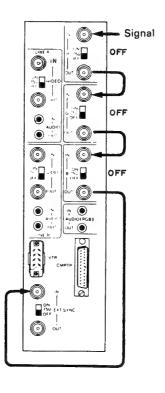
ADJUSTMENT OF RGB WHITE BALANCE

Preparations:

- Connect the connector as shown in diagram. (Chroma off of color bar signal)
- 2) Set_the mode switching button on the control panel to "R.G.B." mode.
- 3) PICTURE VR (RV684)... Maximum BRIGHTNESS VR (RV681)... 50% at mechanical center Confirm that pin (3) (green) of connector Q-4 is set at 1.8 Vp-p.
- 4) Set the BRIGHTNESS VR (RV681) at 50% and PICTURE VR (RV684) at minimum, and adjust with RV402 (BRT) so that the screen stripe to the second point counting from the right lights faintly.

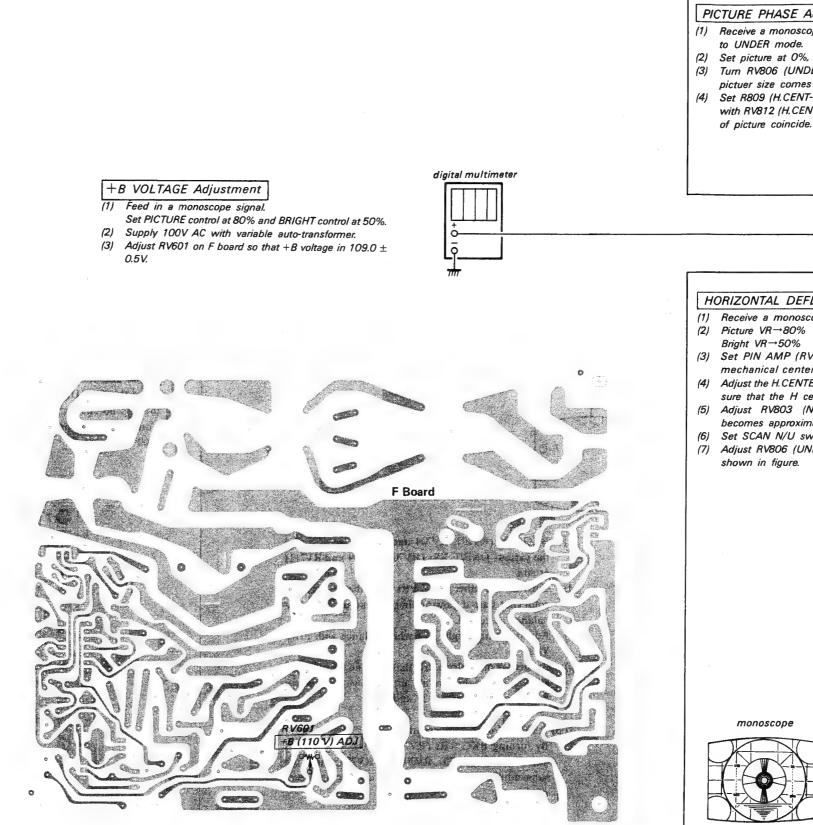
Adjustment:

- Set the chromatic temperature selection switch at 6500° K.
- 2) PICTURE VR (RV684)... Minimum BRIGHTNESS VR (RV681)...50%.
- Adjust the respective RGBs with BRT VR (RV403, RV404 and R405)
- 4) Raise the PICTURE VR (RV684) and confirm that there is no change in the chromatic temperature
- Confirm by setting chromatic selection switch at 9300°K.



SECTION 4 CIRCUIT ADJUSTMENTS

4-1. D BOARD/F BOARD ADJUSTMENTS

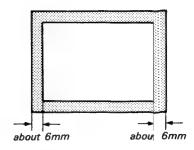


- (1) Receive a monoscope signal and set SCAN N/U switch
- (2) Set picture at 0%, and bright at 100%.
- (3) Turn RV806 (UNDER H.SIZE) and adjust so that the pictuer size comes to a minimum.
- (4) Set R809 (H.CENT-2) at mechanical center, and adjust with RV812 (H.CENT-3) so that the deflection and phase of picture coincide.

HORIZONTAL DEFLECTION BLOCK Adjustment

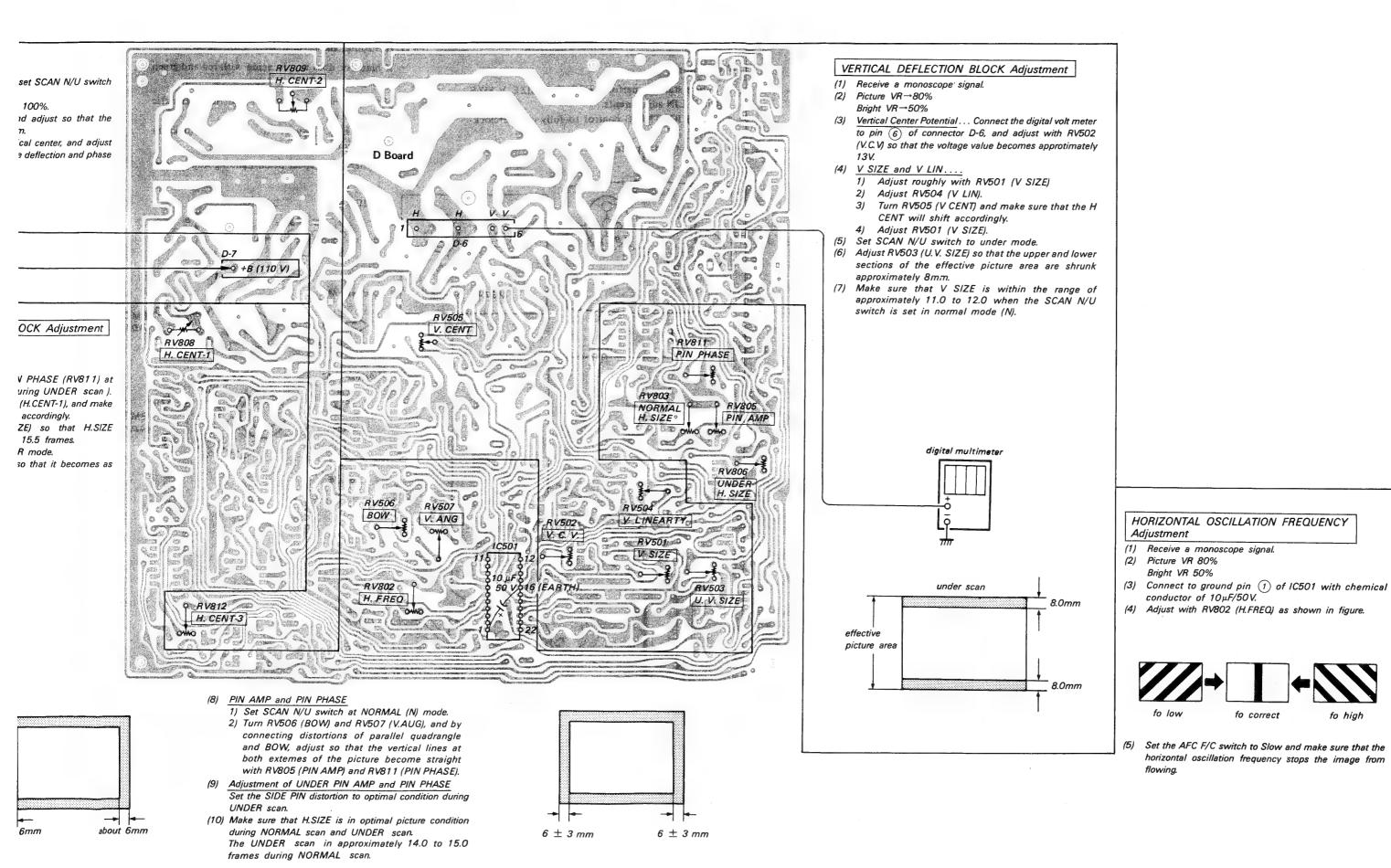
- (1) Receive a monoscope signal.
- (3) Set PIN AMP (RV805) and PIN PHASE (RV811) at mechanical center (NORMAL during UNDER scan).
- (4) Adjust the H.CENTER with RV808 (H.CENT-1), and make
- sure that the H center will shift accordingly.
 (5) Adjust RV803 (NORMAL H.SIZE) so that H.SIZE becomes approximately 15.0 to 15.5 frames.
- (6) Set SCAN N/U switch at UNDER mode.
- (7) Adjust RV806 (UNDER H.SIZE) so that it becomes as





8V808

H. CENT-



4-2. B BOARD ADJUSTMENTS

APC Adjustment

- (1) 4.43 (APC-2) Adjustment
 - 1) Input a PAL color bar.
 - 2) Connect a 100kΩ resistor between IC103 pin (13) and ground. (Killer circuit goes off.)
 - 3) Connect IC104 pin 2) to +B via the $2.2k\Omega$ resistor to get 4.43 mode.
 - 4) Ground IC103 pin (16) with a 10μ/16V chemical capacitor and remove color sync.
 - 5) Adjust RV105 (APC-2) to get color sync.

- (2) 3.58 (APC-1) Adjustment
 - 1) Input a NTSC color bar.
 - 2) Connect a $100k\Omega$ resistor between IC103 pin 13 and ground. (Killer circuit goes off.)
 - 3) Ground IC103 pin 16 with a 10μ/16V chemical capacitor and remove color sync.
 - 4) Ground Q139 base momentarily to get 3.58 mode.
 - 5) Adjust RV104 (APC-1) to get color sync.

ANTI-PAL, LINE CRAWLING Adjustment

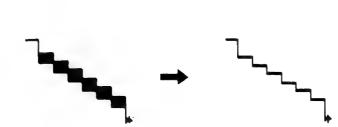
- (1) Anti-PAL Adjustment
 - 1) Input a PAL color bar.
 - 2) PICTURE 80% COLOR 50%
 - BRT 3) Confirm that there is no color on the first anti-PAL signal frames at the right and left of the picture. If there is, adjust to remove the anti-PAL color sides while tracking with RV103. RV110 (DEL).

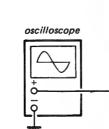
(2) Line Crawling Adjustme

- 1) Input a PAL color b
- 2) Adjust T104 (DAT)
- 3) Confirm the anti-PA (2) and (1) if necess

CHROMA TRAP Adjustment

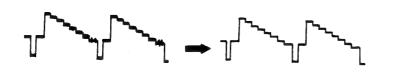
- (1) 4.43 Trap Adjustment
 - 1) Input a PAL color bar. 2) Observe IC103 pin 28 waveform on the oscilloscope and adjust T103 for minimum chrome component.
- (2) SECAM Trap Adjustment
 - 1) Input a SECAM color bar.
 - 2) Observe IC103 pin 28 waveform on the oscilloscope and adjust T102 for minimum chrome com-

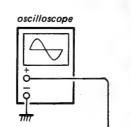




COMB FILTER Adjustment

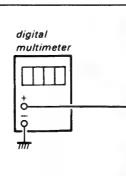
- (1) 1H Delay Adjustment
 - 1) Input a NTSC color bar.
 - 2) Observe the IC201 Pin 5 waveform on the oscilloscope, and adjust so that the chroma component is minimum while tracking with RV101 and T101.



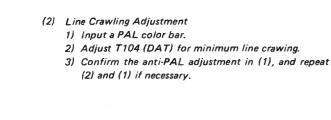


KILLER POINT Adjustment

- 1) Tune in an off-air signal.
- 2) Adjust RV305 so that the voltage on pin (18) of IC103 is $7.9V \pm 0.1V$ dc.

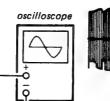






SECAM Adjustment

- (1) Bell Filter Adjustment
 - 1) Input a SECAM color bar.
 - 2) Observe IC201 pin (17) waveform and adjust T201 (bell filter) so that the waveform level is uniform.



digital

multimeter

oscilloscope

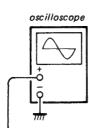
regulated-dc power supply



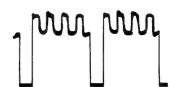


- (2) ID Adjustment (Intermodulation distortion)
 - 1) Input a SECAM color bar.
 - 2) Connect a digital voltmeter between IC201 pin (25) and ground, and adjust T204 so that the digital voltmeter reading is maximum.

Adjust for variance from the peak value to be at OV in the core outserting direction, and within a 0.02V range in the core inserting direction.



- (3) Color Balance Adjustment
 - 1) Input a SECAM color bar.
 - 2) PICTURE 80% COLOR 50% BRT 50%
 - 3) Observe B-8 connector pin 1) (B Out) waveform on the oscilloscope and adjust T204 (B-Y) so that the black portion of the color bar is the same level as the pedestal.



4) Observe B-8 connector pin (3) (R Out) waveform on the oscilloscope and adjust T202 (R-Y) so that the black portion of the color bar is the same level as the





- (1) Receive a monoscope signal.
- (2) Set BRIGHT and PICTURE for minimum position.
- (3) Observe B8 connector pin (1) (B out) on the oscilloscope, and adjust RV109 (sub-bright) so that the pedestal level is 1.8V DC.

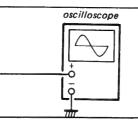




SUB COLOR Adjustment

- 1) PICTURE 80% COLOR 50% BRT 50%
- 2) Apply 10.0 \pm 0.05V to pin \bigcirc of connector B-5.
- 3) Apply 5.8 \pm 0.05V to pin \bigcirc of connector B-5.
- 4) Input SECAM color bars.
- 5) Adjust RV111 for the waveform at connector B-8 (1) (B Out) to become as illustrated.
- 6) Receive PAL color bars.
- 7) Adjust RV108 for the waveform at connector B-8 (B Out) to become as illustrated.





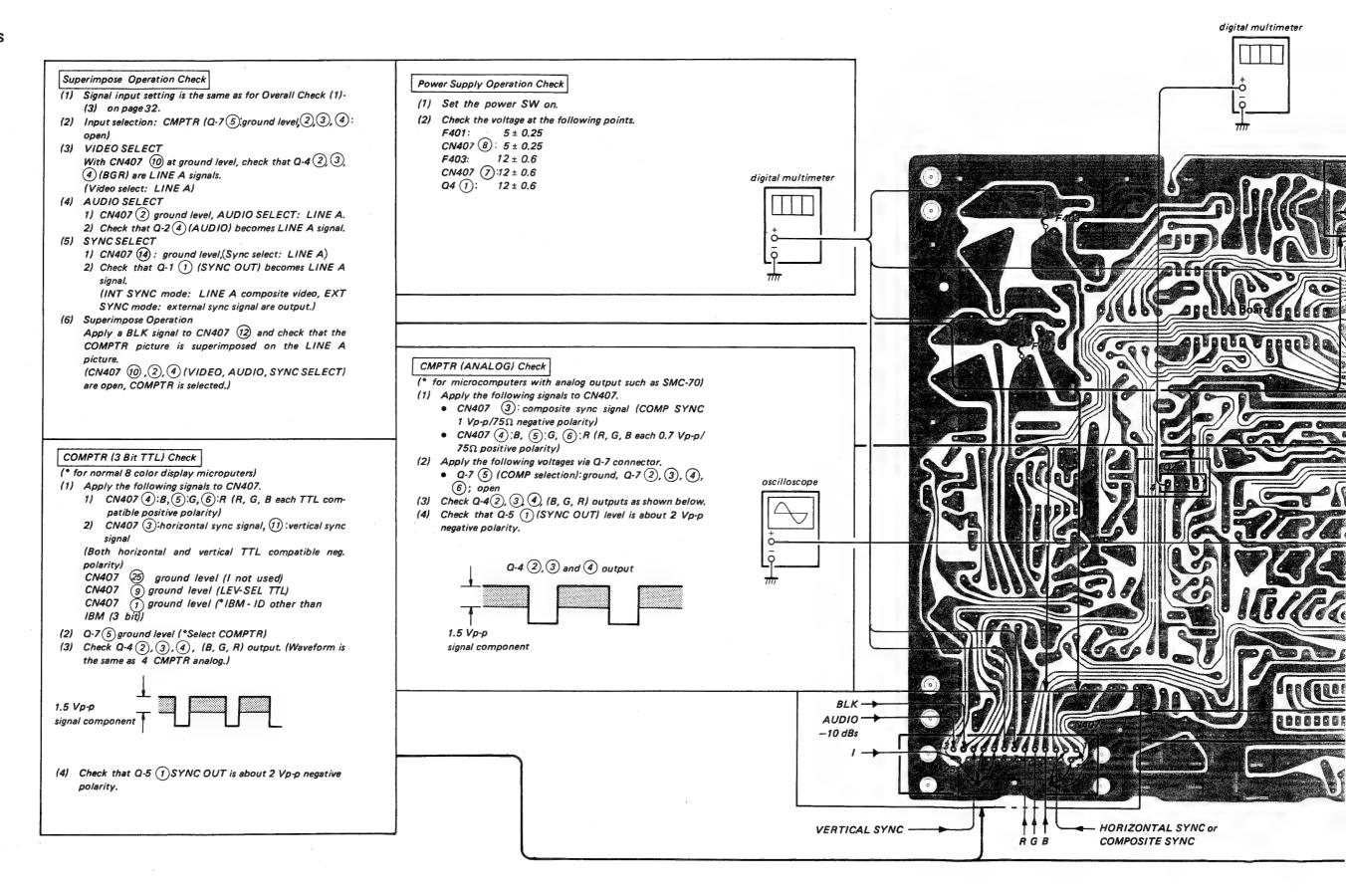
oscilloscope

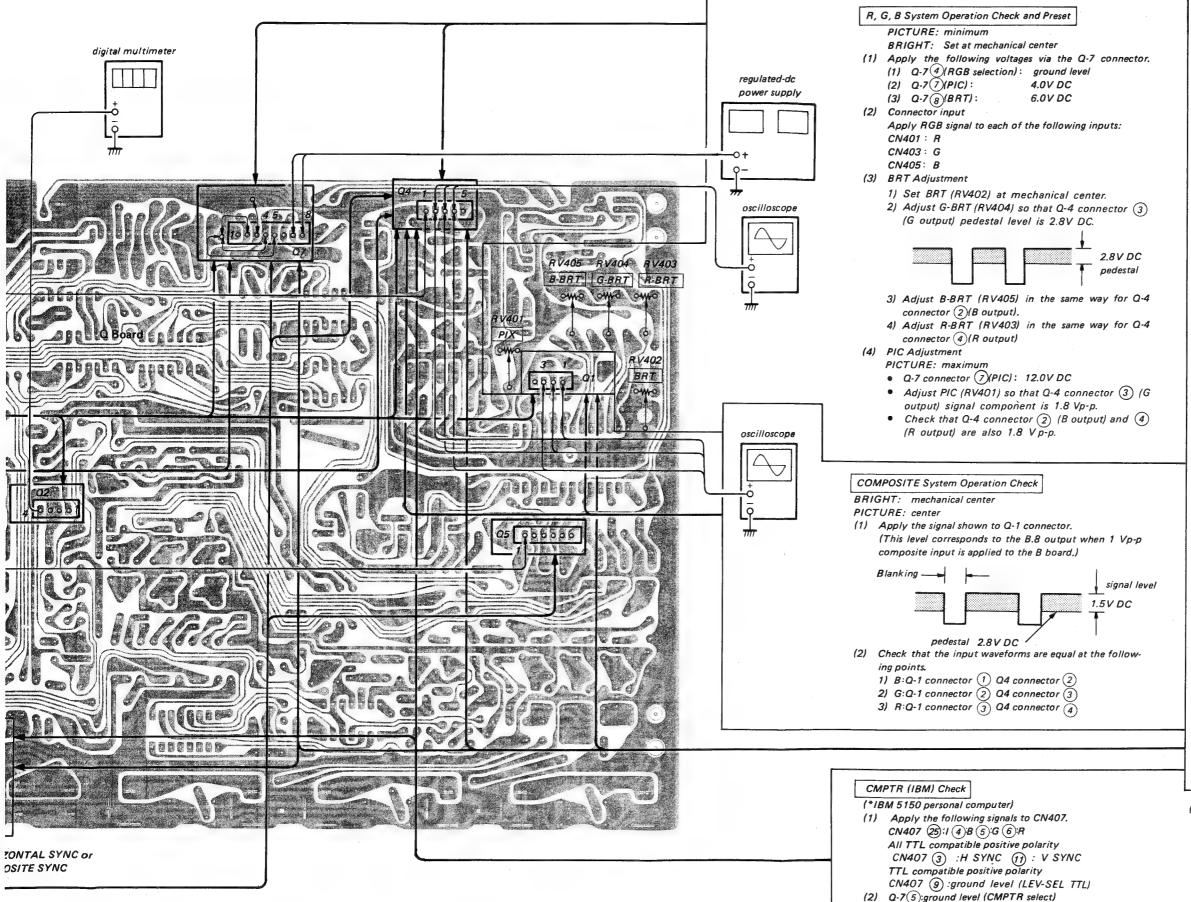
SUB CONTRAST Adjustment

- 1) Input a monoscope signal.
- 2) PICTURE: maximum (turned fully clockwise)
- BRIGHT: mechanical center
- 3) Observe B-5 connector pin (3) (B out) on the oscilloscope and adjust the sub contrast control (RV107). So that the signal component is 1.8 Vp-p.



4-3. Q BOARD ADJUSTMENTS





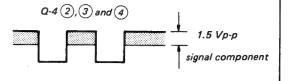
Overall Operation Check

(1) Apply video and audio signals to B board A, B VTR inputs.

Also, apply a composite sync signal to the external sync

(video input (composite) 1 Vp-p/75 Ω audio input -10 dB external xync input 4 $Vp-p/75\Omega$ negative polarity. It is desirable to confirm selection and to check whether there is any overlopping with the respective inputs aside.)

- (2) Q Board
 - 1) Apply these signals to R, G, B video and audio inputs. (video input (component RGB) 0.7 Vp-p/75\Omega audio input -10 dBs)
 - 2) Apply input signals to CMPTR connector. CN407 (3) composite sync signal 1 $Vp-p/75\Omega(4)$, (5), 6), B, G, R -0.7 Vp-p/75Ω CN407 (13) AUDIO -10 dBs
- (3) LINE A Check
 - 1) Input selection is LINE A, and sync selection is INT SYNC. (Q-7 2), 3, 4, 5, 7 open)
 - 2) Check that LINE A decoded RGB signal is being output at Q-4(2), (3), (4), B, G, R.
 - 3) Check that Q-2 (4) AUDIO is LINE A. (Level drops about -16 dBs (about 6 dB from connector input.))
 - 4) Check that there is LINE A video at Q-1 (1) (SYNC OUT) (Level is 2 Vp-p)
 - 5) Change sync selection to EXT SYNC. Check that at this time Q-1 (1) changes to composite sync signal from external sync connector. (Q-7 6) is ground level, output level about 2 Vp-p,
 - negative polarity)
- (4) LINE B Check Select LINE B. (Q-7 2) ground level 3), 4), (5) open) Repeat steps 2)-5) for LINE A.
- (5) VTR Check Select VTR. (Q-7 3) ground level 2, 4,5, open) Repeat steps 2)-5) for LINE A.
- (6) RGB Check
 - 1) Make input selection RGB. SYNC selection is internal sync. (Q-7 4) ground level, 2, 3, 6
 - 2) Check that signals from R, G, B are coming out on Q-4 2, 3, 4 (R, G, B).
 - 3) Q-2 (4) (AUDIO) signal should be from RGB.
 - 4) Check that there is a composite sync signal from external sync connector at Q-1 (1) (SYNC OUT).
 - 5) Make sync selection EXT SYNC and make sure that Q-1 (1) output does not change. (In RGB mode, external sync is selected regardless of INT/EXT.)
- (7) COMPTR Check
 - 1) Input selection: COMPTR, SYNC selection: INT
 - SYNC (Q-7 5 ground level 2, 3, 4 open) 2) Check Q-4 2, 3, 4 (B, G, R) and check Q-2 4(AUDIO).
 - 3) Check that Q-1 (1)(SYNC OUT) is the signal from CN407(3)
 - 4) Check that Q-1 (1) does not change when changing sync selection from INT/EXT.
- (4) Check that Q-5(1)(SYNC OUT) is about 2 Vp-p negative



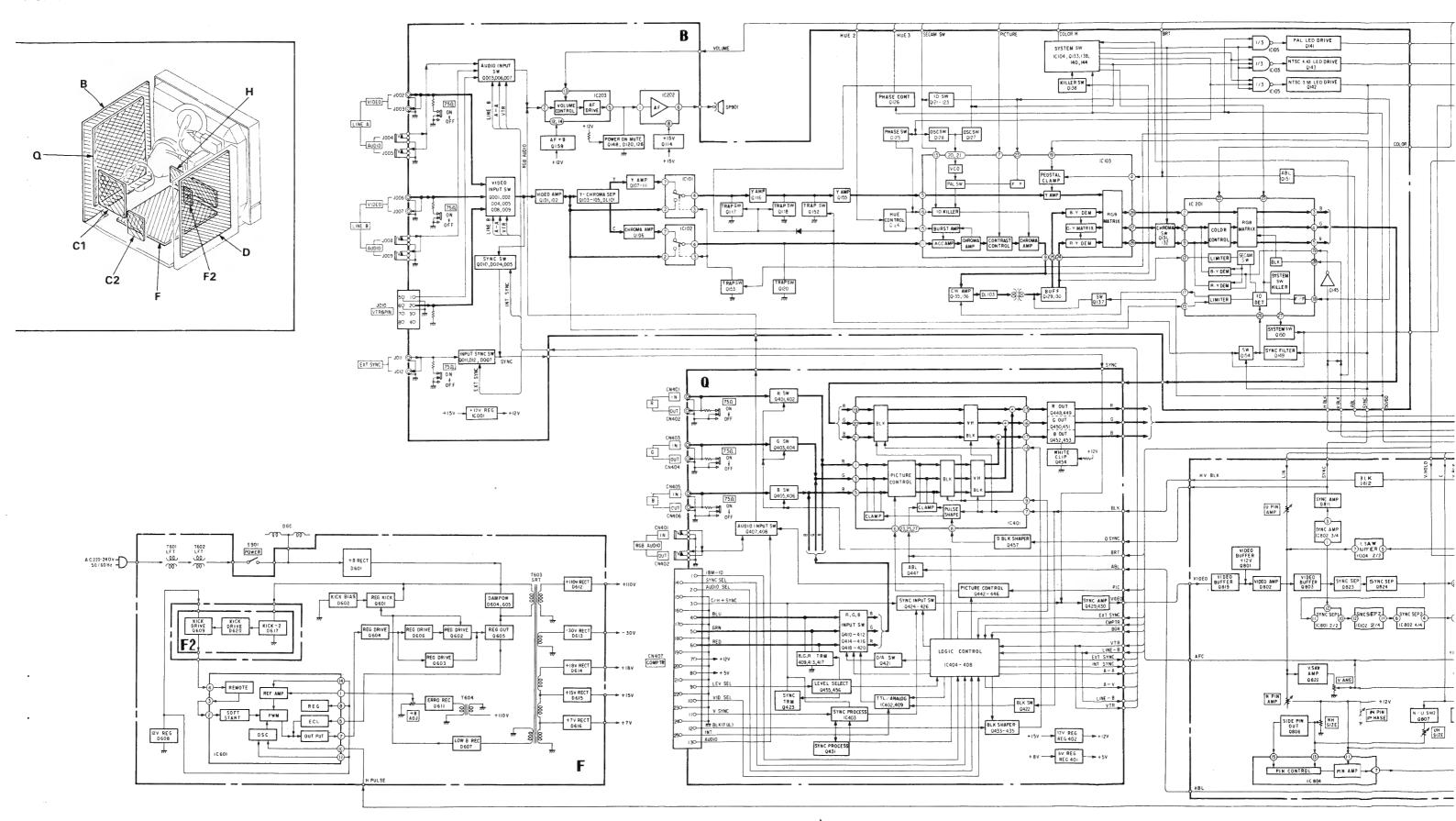
Check Q-4(2), (3), (4)(B, G, R) outputs. (Waveform is

the same as 4 CMPTR analog.)

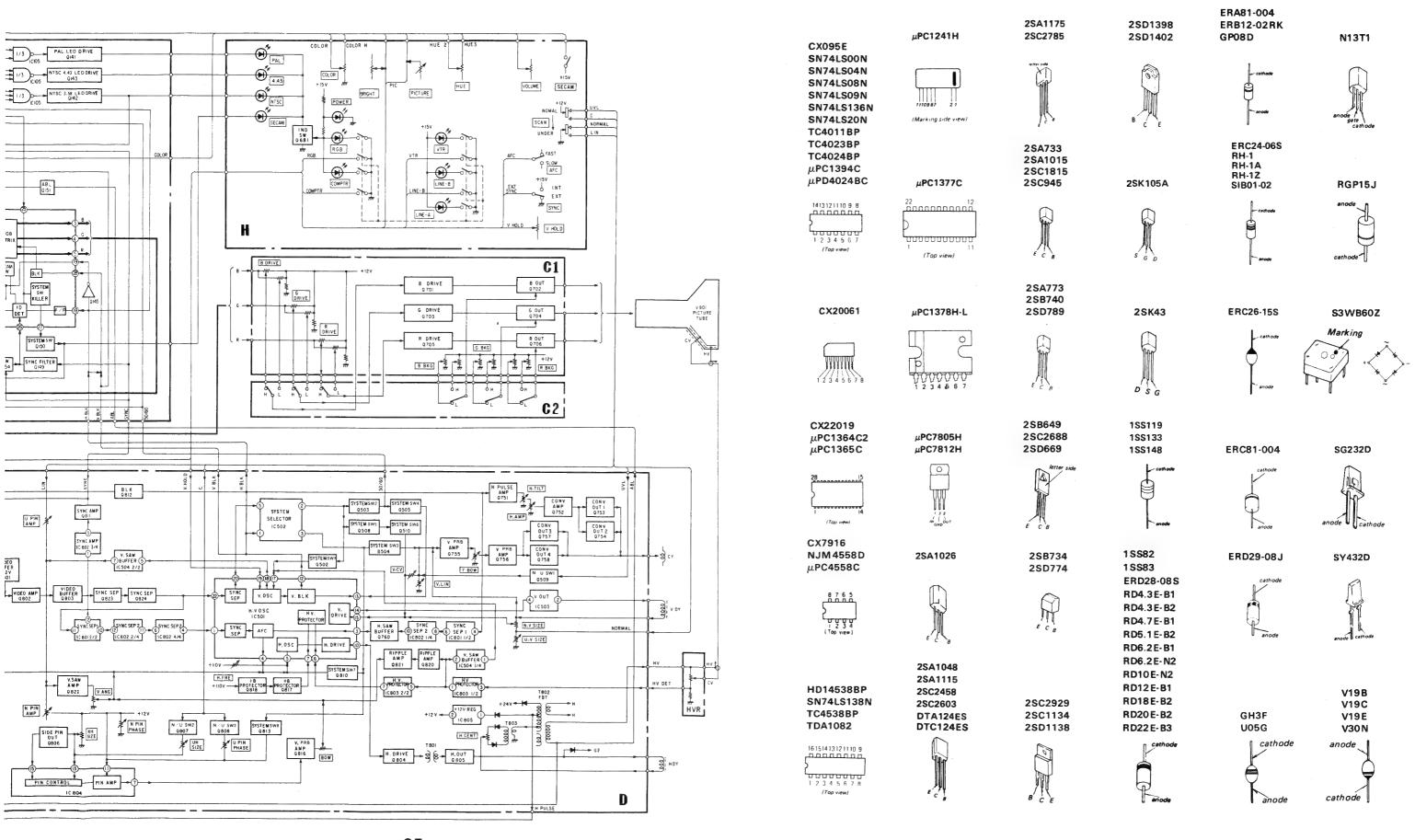
SECTION 5 DIAGRAMS

1. CIRCUIT BOARDS LOCATION

5-2. BLOCK DIAGRAM



5-3. SEMICONDUCTORS

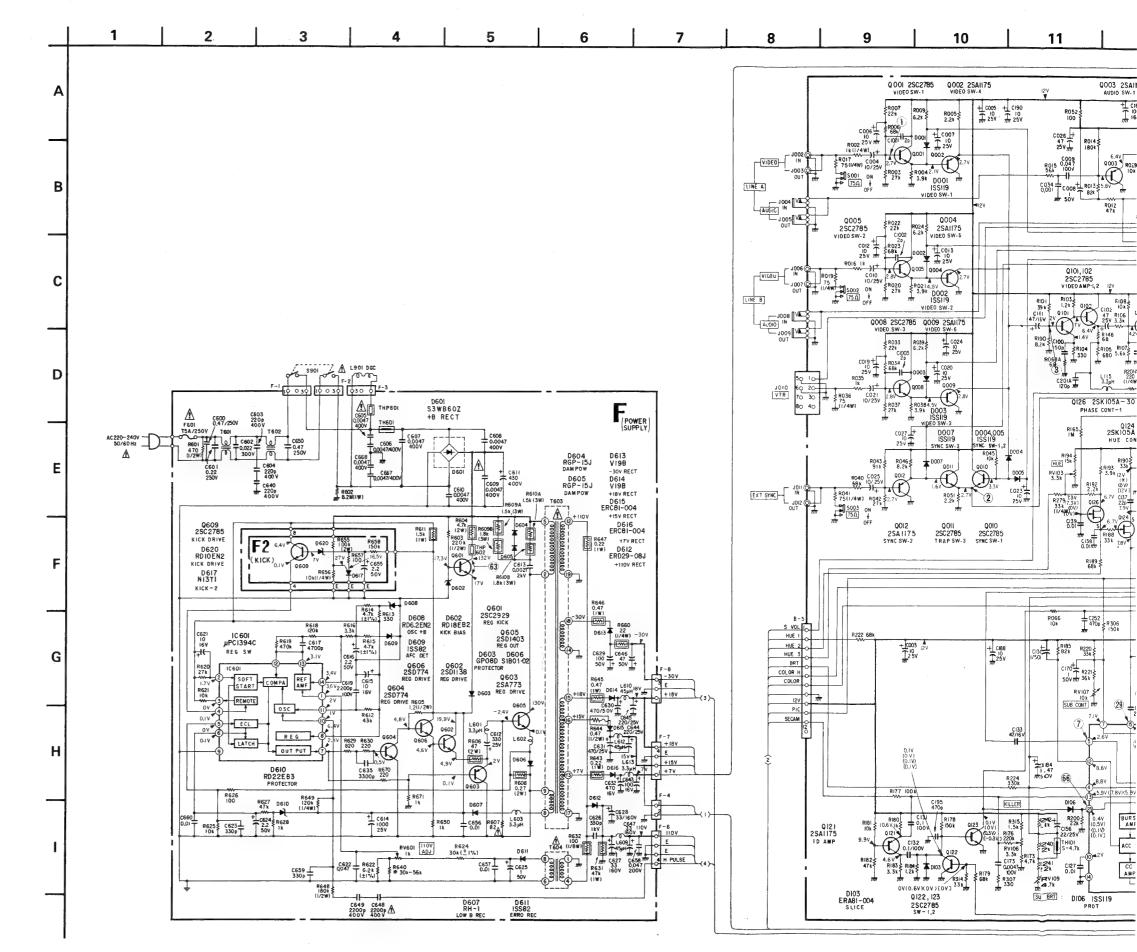


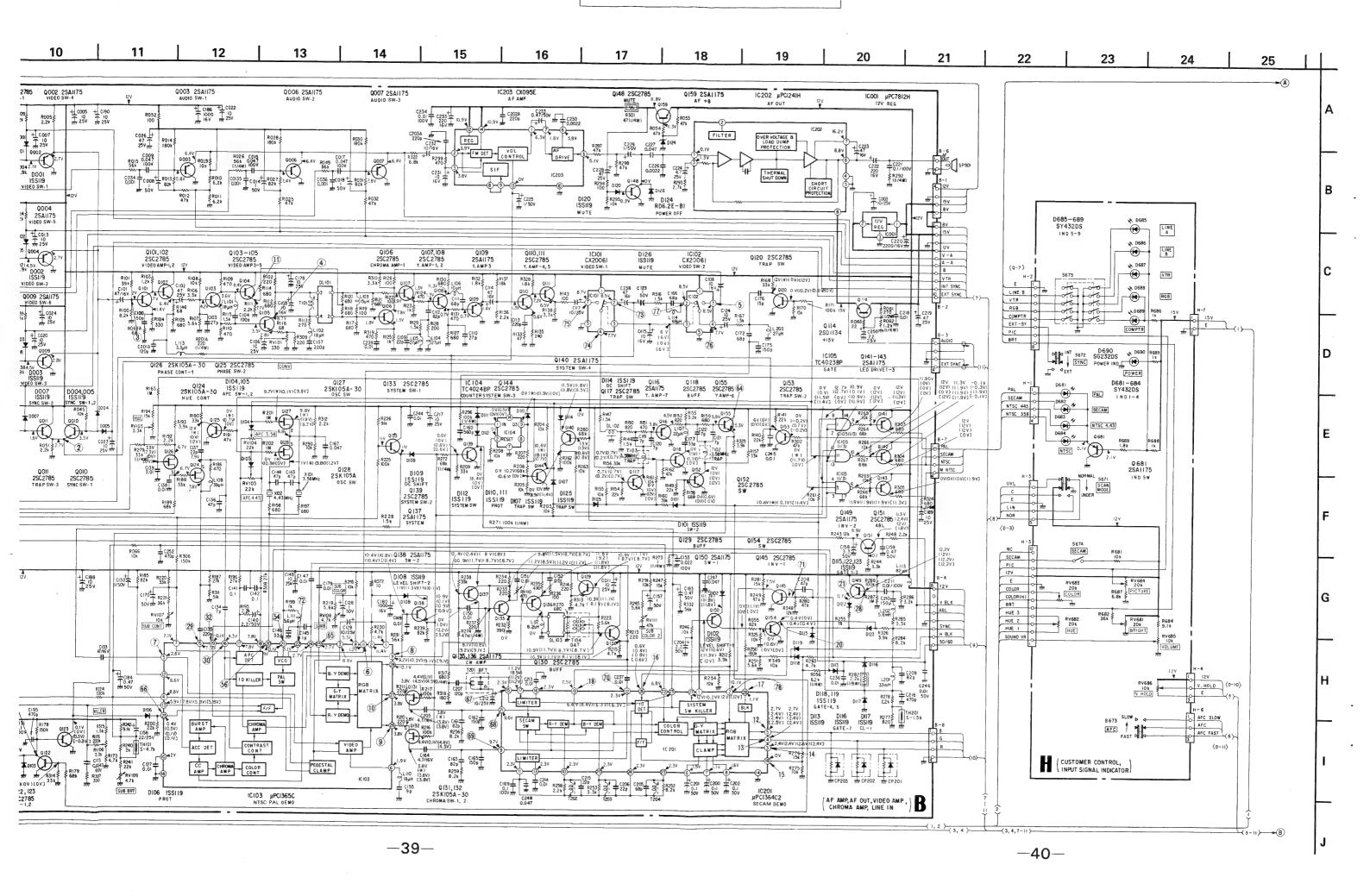
5-4. SCHEMATIC DIAGRAMS

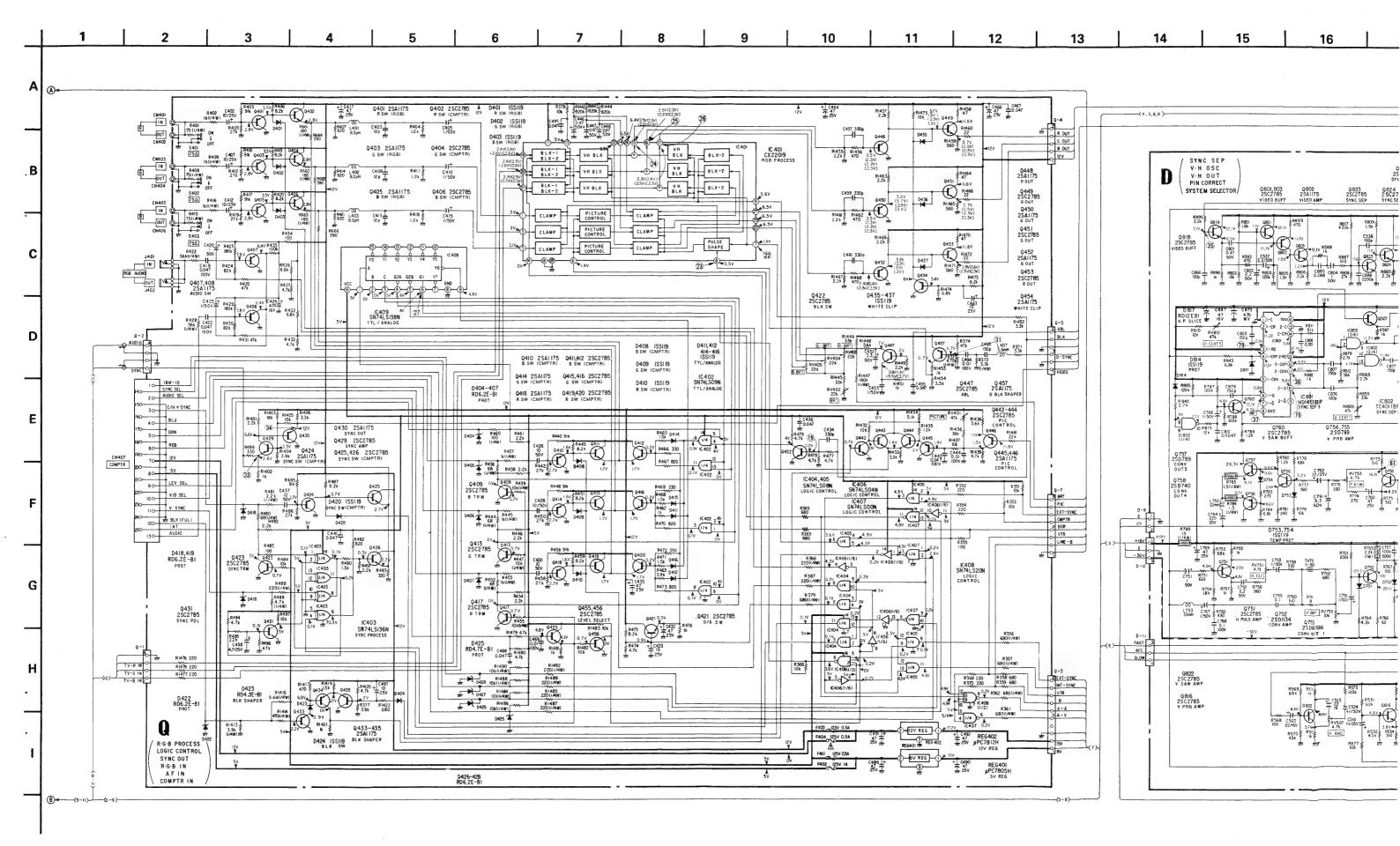
Note: The components identified by shading and mark A are critical for safety. Replace only with part number specified.

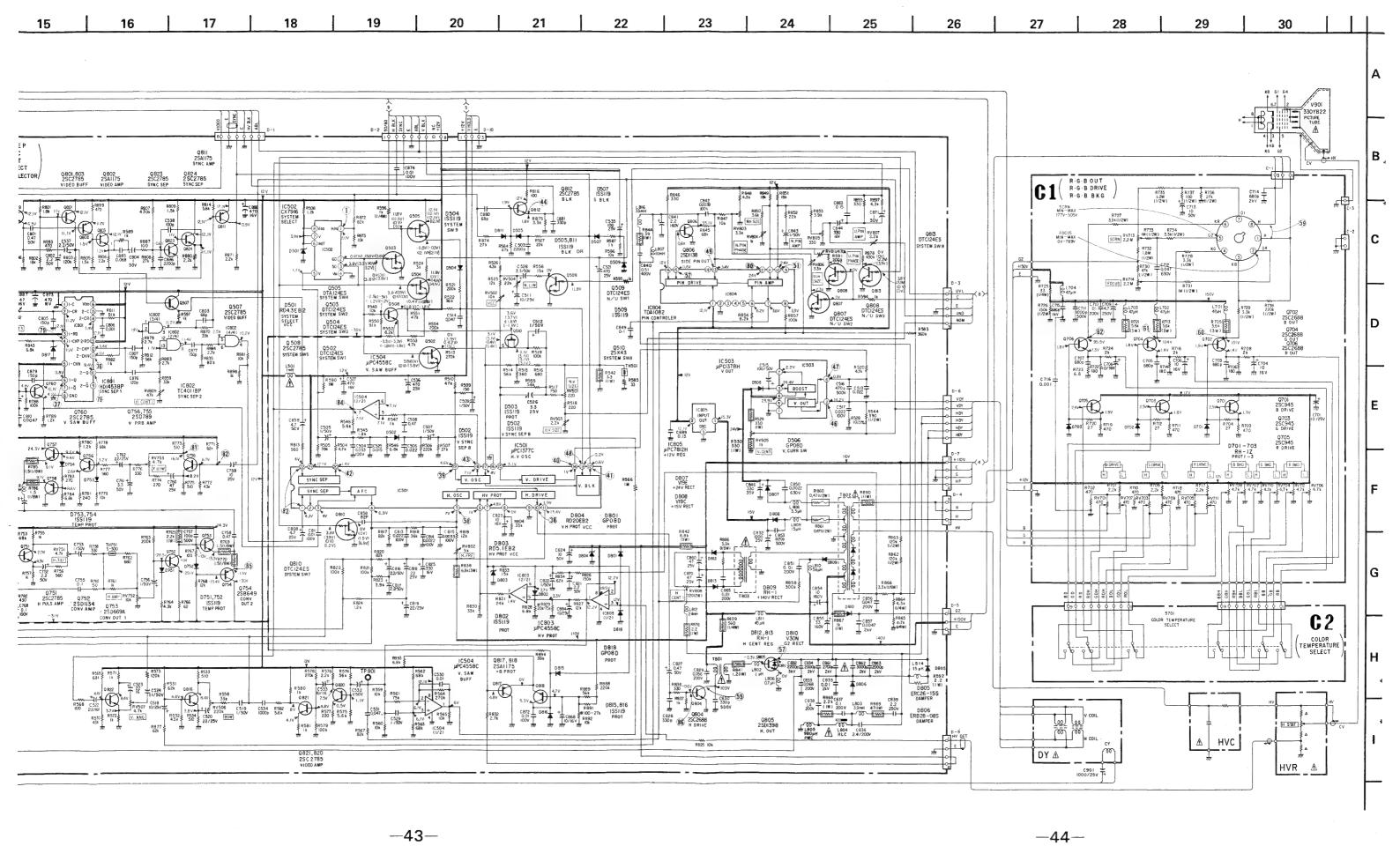
- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics.
- All resistors are in ohms, 1/6W unless otherwise noted. $k\Omega=1000\Omega$, $M\Omega=1000k\Omega$
- nonflamable resistor.
- fusible resistor
- 1 \triangle : internal component.
 - : panel designation.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- Readings are taken with a color-bar signal input to LINE A.
- Voltages are dc with respect to ground unless otherwise noted,
- The voltage value of IC601, Q601 to Q606 on F board and Q609 of F2 board is the reference value between the Q604 emiter.
- Readings are taken with a $10 M\Omega$ digital multimeter.
- : adjustment for repair.
- Voltage variations may be noted due to normal production tolerances.
- : B + bus.
- --- : B bus.
- For the waveform diagram, refer to page 53.
- no mark : PAL
 - (): SECAM < >: NTSC 3.58
 - []: NTSC 4.43
 - * : Can not be measured.
- * : Selected to yield optimum performance.

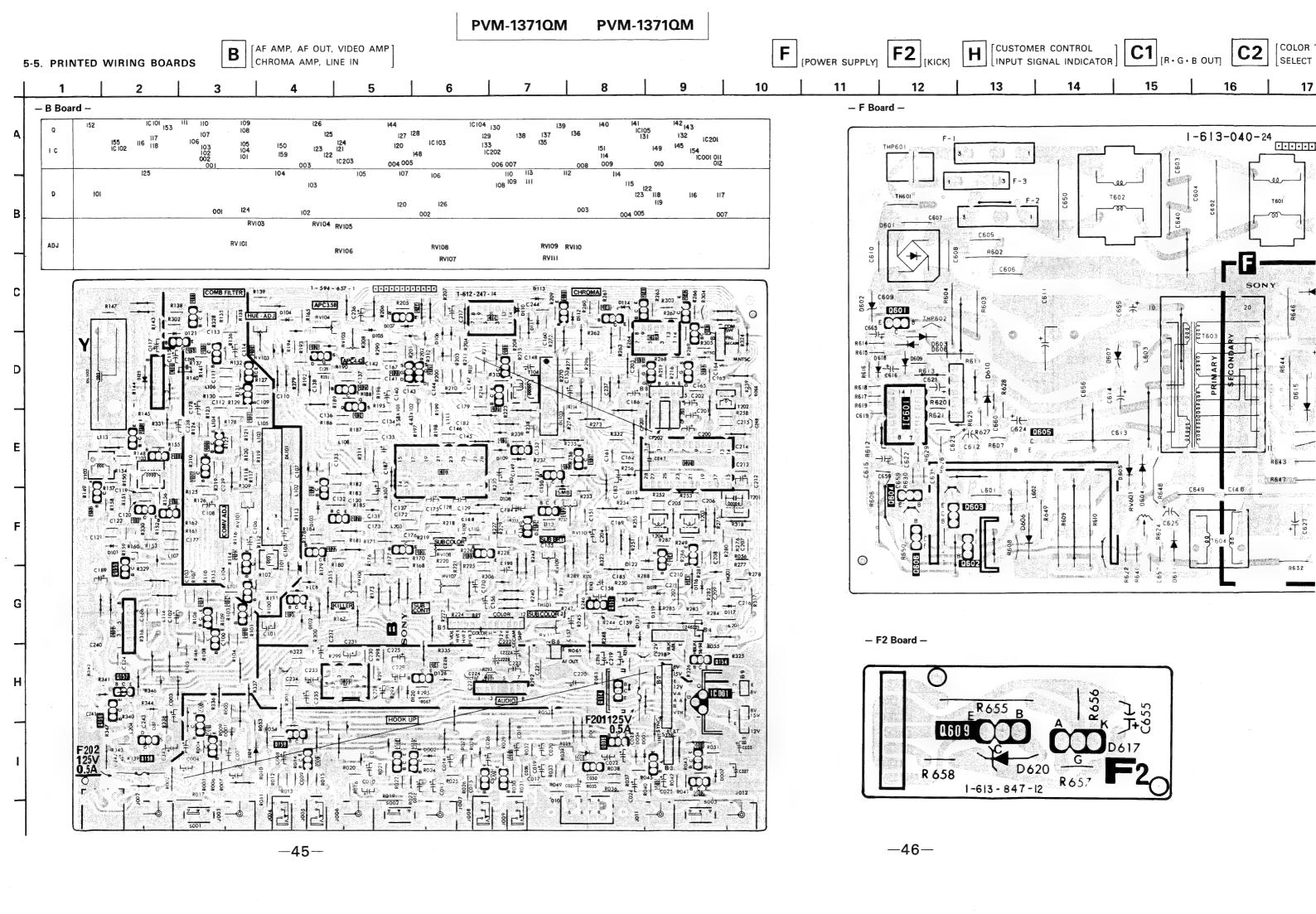
PVM-1371QM PVM-1371QM



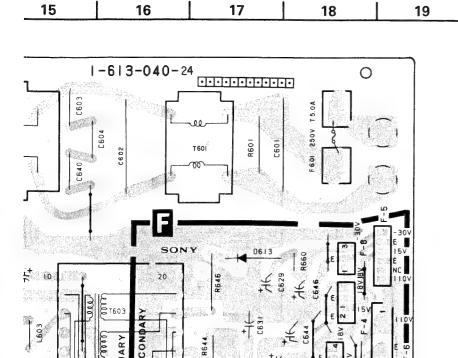


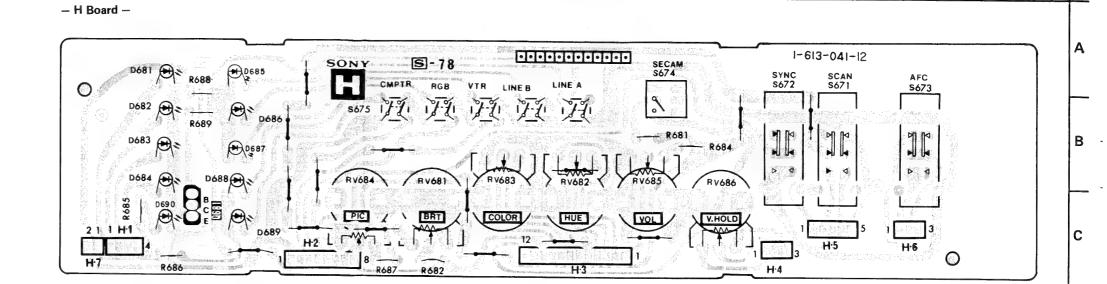


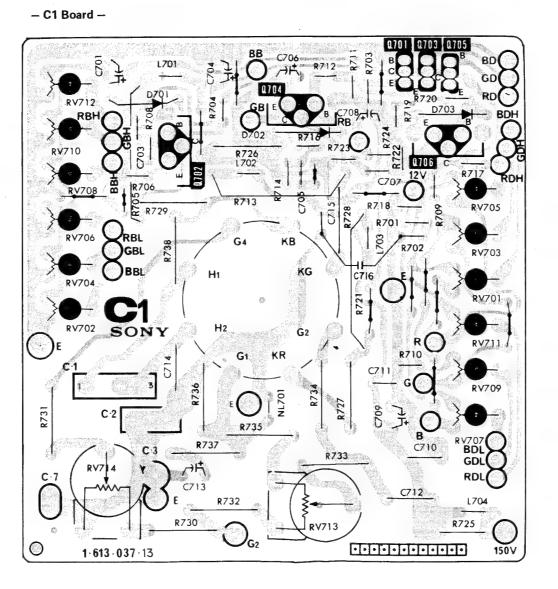


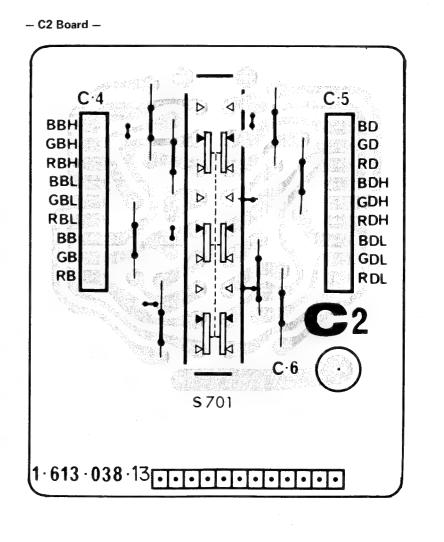




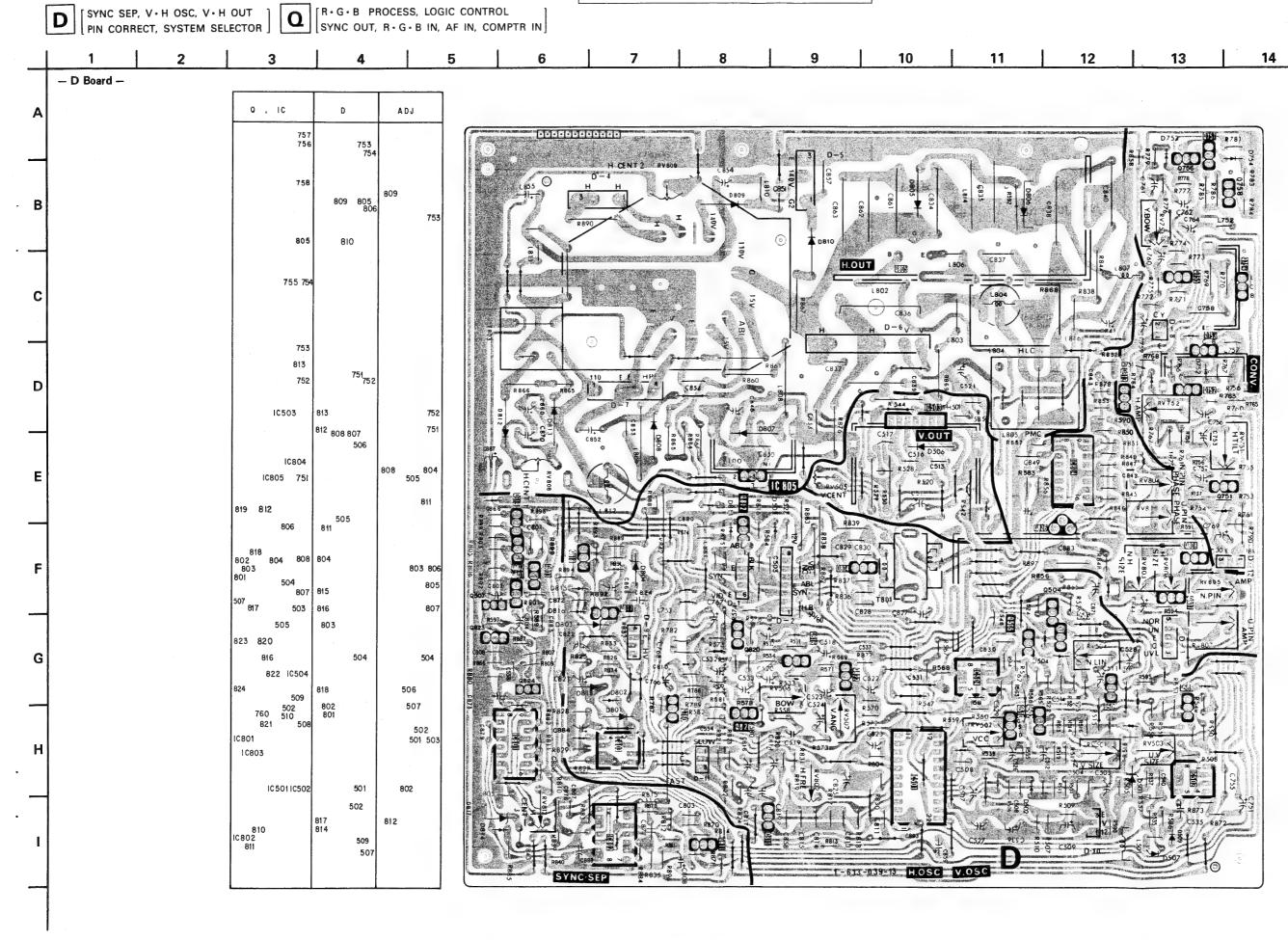








PVM-1371QM PVM-1371QM



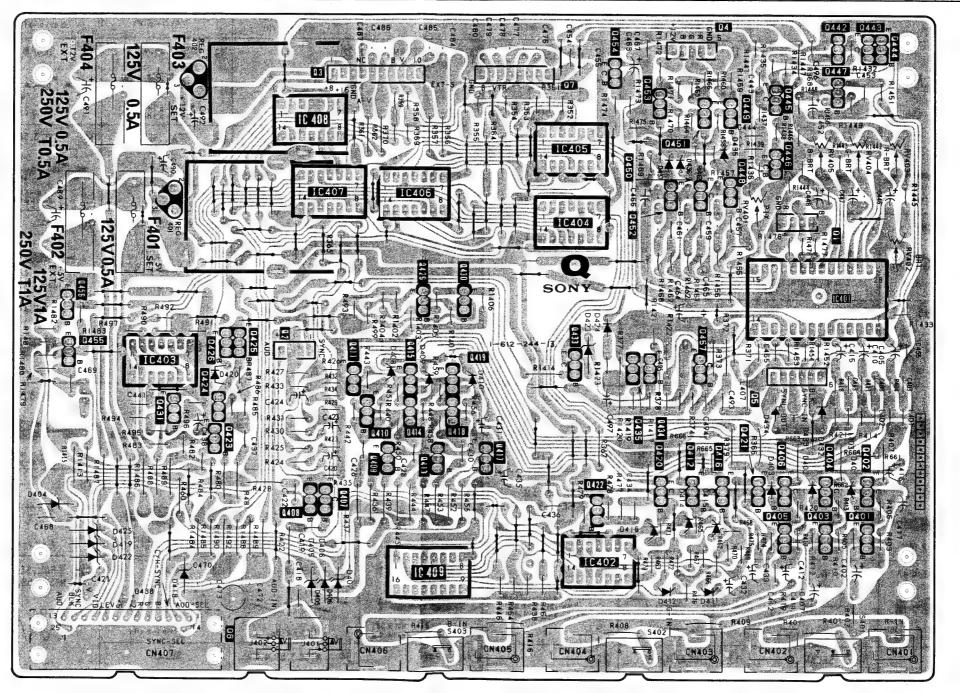
15

16

15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1 1	ı
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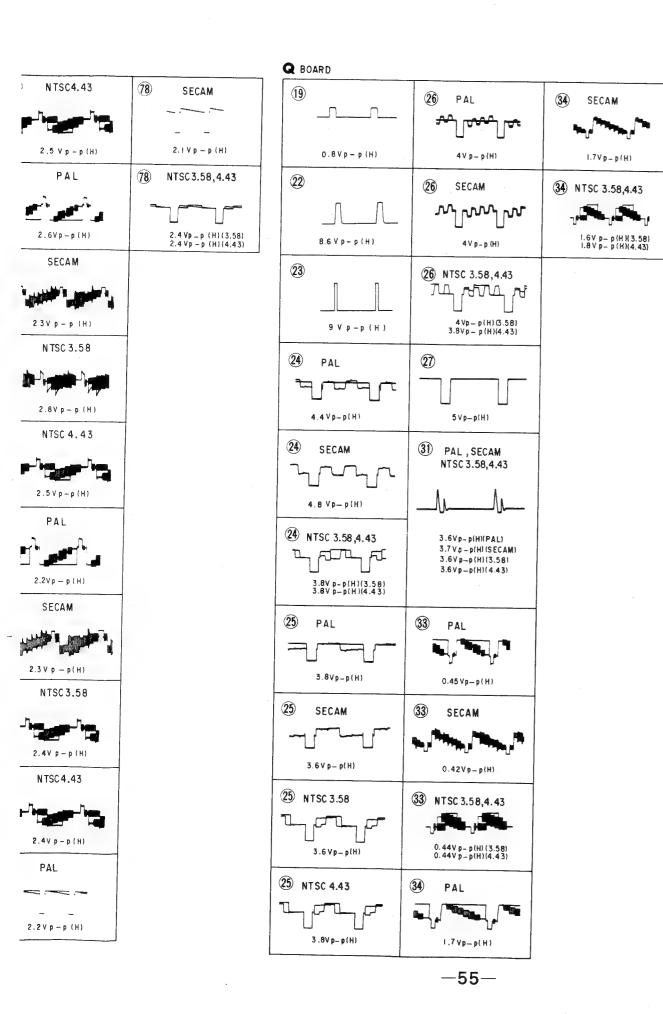
- Q Board -

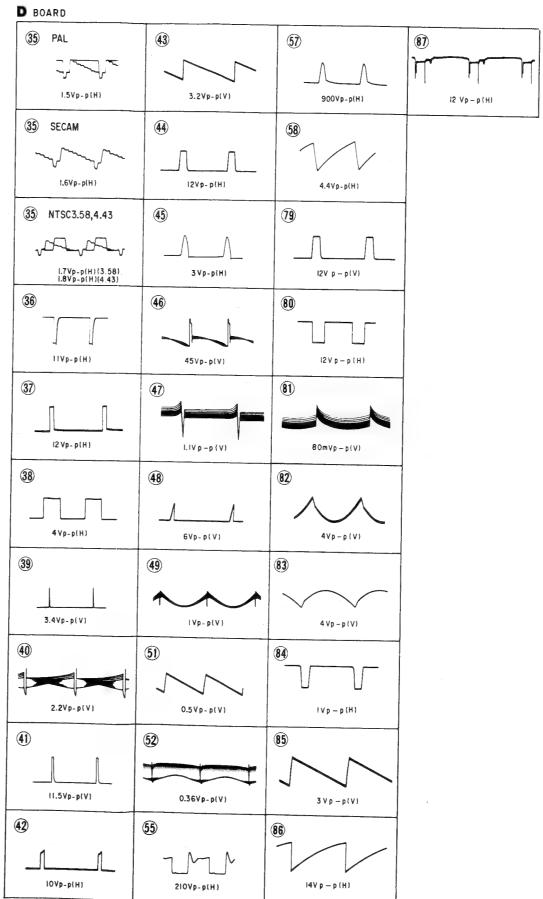
Q IC	456 455	REG402 REG401 IC403 426,425 431 423	1C408 1C407 1C406 429 430 411 410 409 414 413 414 418 417 1C406 429 419 410 410 410 410 410 410 410 410	454 453 451 449 445 447 C405	Q IC
D	404 425 419 422	420 418	408 409 410 405,406,407	423 424 437,436 435 401 416 414 415 403 402 D	D
ADJ				RV40! RV405 RV404 RV403 AD	DJ

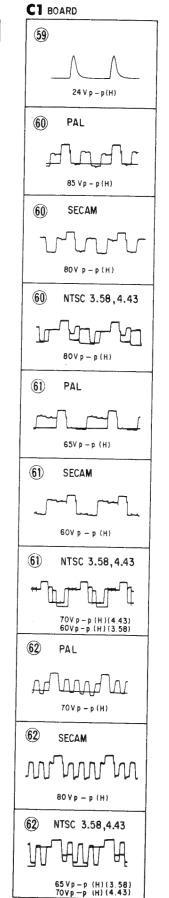


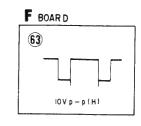
5-6. WAVEFORMS

B BOAR	D	gallet 1871 - 1871 - 1871 - 1881 - 1881 - 1881 - 1881 - 1881 - 1881 - 1881 - 1881 - 1881 - 1881 - 1881 - 1881			r							
1	PAL	4 SECAM	SECAM	10 NTSC 3.58, 4.43	14 PAL	18 PAL, SECAM NTSC 3.58, 4.43	30 SECAM	65 PAL	(68) NTSC 3.58, 4.43	73 PAL	75) NTSC4.43	78 SECAM
Ī	P. Spinson			10 -0440 -0-	ما لمما لم	N150 3.38, 4.43		 	~~~~~			
	IV p p (H)	1.2Vp-p(H)	IV p - p (H)	1.2Vp-p(H) (3.58) 0.8Vp-p(H) (4.43)	4,4Vp-p(H)	7	0.3 V p - p(H)	0.26V p — p (H)	0.9Vp = p(H)(3.58) 0.8Vp = p(H)(4.43)	3 V p - p (H)	2.5 V p = p (H)	2.1 V p - p (H)
1	SECAM	(4) NTSC 3.58,4.43	⑦ NTSC 3.58,4.43	① PAL	14) SECAM		30 NTSC 3.58,4.43	65 SECAM	69 PAL	73 SECAM	76 PAL	78 NTSC 3.58,4.43
	Maria Paris In		المحطور المالحول المعالم	4	2020	9 Vp -p(H) (PAL) 10 V p -p(H) (SECAM)	- in the same of		-		and the same	
	O.9Vp - p (H)	;∨p—p(H)	1.1V p = p (H)	1.4Vp-p(H)	4 V p - p (H)	10 V p-p(H) (SECAM) 9.5V p-p(H) (3.58) 9.5V p-p(H)(4.43)	0.2Vp-p(H)	0.4 V p - p (H)	0.85Vp-p(H)	3 V p - p (H)	2.6Vp-p(H)	2.4 Vp = p (H)(3. 2.4 Vp = p (H)(4.
1	NTSC 3.58, 4.43	⑤ PAL	8 PAL	11) SECAM	14 NTSC 3.58,4.43	20 PAL,SECAM	32	65) NTSC 3.58,4.43	69 SECAM	73 NTSC 3.58,4.43	76 SECAM	2.4 vp -p (H)(4.
				, Mar. Per. 18	70, 5570, 55E	NTSC 3.58, 4.43	Λ Λ	Alexandria de la companya de la comp	م السم الس			
	O.85V p-p(H)	3V p-p(H)	4.4V p - p(H)	المواجد المواجد المواجد المام	4 V p - p(H)(3.58)	1 1	2.6 V p - p (H)	0.36V p - p (H) (3.58) 0.28V p - p (H) (4.43)	0,9Vp-p(H)	2.8Vp - p (H)	2.3 V p - p (H)	
2	PAL	5 SECAM	8 SECAM	(11) NTSC 3.58, 4.43	4 V p - p(H)(4.43)			0.28V p - p (H) (4.43) 66 PAL, SECAM	(69) NTSC 3.58, 4.43	74) PAL	76 NTSC 3.58	
		**************************************			Λ Λ	7.2V p p(H) (PAL) 0.1Vp p(H)(SECAM)	94 PAL, SECAM NTSC 3.58, 4.43	Λ Λ				
'	•	2.8 V p - p (H)		-10	3.6 V n - n / H)	7.2 V p - p (H)(3.58) 7.2 V p - p (H)(4.43)	000		0.75Vp-p(H)(3.58)			
	SECAM	5 NTSC 3.58	0.02V p - p(H) (8) NTSC 3.58,4.43	1.5Vp-p(H) (12) PAL	3.6 V p - p (H)	(28) PAL, SECAM		3.4V p - p (H) 66 NTSC3.58,4.43	0.75 V p - p (H) (3.58) 0.45 V p - p (H) (4.43) 70 PAL	3V p - p (H) (74) SECAM	2.8V p - p (H) (76) NTSC 4.43	
2	An. Page Pin	W 130 3.30	8 NTSC 3.58 ,4.43		(16) PAL, NTSC 3.58, 4.43	NTSC 3.58,4.43	0.44V p-p(4.43MHz)(PAL)		THE THE	- 117 -	h h	
Page 1	رافهيد الطبيد	M. Charles of		**JaveJa	. <u>.</u>		0.44V p = p (4.43MHz)(PAL) 0.55V p = p (4.43MHz)(SECAM 0.46V p = p (3.58 MHz) (3.58) 0.44V p = p (4.43 MHz) (4.43)					
12-1	O.86V p - p (H)	2.8V p - p(H)	0.4 V p - p(H) (3.58) 0.28 V p - p(H) (4.43)	4V p - p (H)		___\		0.3V p - p(H)	0.44V p - p (H)	2.5V p - p(H)	2.5 V p - p (H)	-
2	NTSC 3.58, 4.43	(5) NTSC 4.43	9 PAL	12 SECAM		4Vp-p(H)(PAL)	56 PAL , SECA M NTSC 3.58,4.43	67 PAL	70 SECAM	74 NTSC 3.58	7 PAL	
				wheeler	8 V p - p(H)(PAL) 8 V p - p(H)(3.58) 8 V p - p(H)(4.43)	4.2V p - p (H) (SECAM) 4V p - p (H) (3.58) 4V p - p (H) (4.43)		+	Harri	***************************************	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	O,8 V p - p (H)	3.2 V p - p (H)	0.9 V p - p (H)	4 V p — p (H)			M	0.6 V p - p (H)	0.2 V p - p(H)	2.2 V p - p (H)	2.2Vp - p(H)	
3	PAL	6 PAL	9 SECAM	12 NTSC 3.58, 4.43	16 SECAM	29 PAL		67 SECAM	70 NTSC 3.58,4.43	74 NTSC 4.43	77 SECAM	
•	The state of	1 1 1 1 1 1		IN ADVIAG		1-10-1	2.3Vp—p(4.43MHz)(PAL) 1.8Vp—p(4.43MHz)(SECAM 2.2Vp—p(3.58MHz)(3.58)	ID-(-C) Spin-1	More desired to	J. J. Barrier	-	
	O.9V p - p (H)	0.42Vp-p(H)	0.45V p - p(H)	4 V p - p (H) (3.58) 4 V p - p (H) (4.43)	8V p p (H)	1.8 V p - p (H)	2.4V p-p {4.43MHz)(4.43)	0.5Vp-p(H)	0.4V p - p (H)(3.58) 0.32 V p - p (H)(4.43)	2.4V p — p (H)	2.3 V p - p(H)	
3	SECAM	6 SECAM	9 NTSC 3.58,4.43	(13) PAL	17 PAL, SECAM	29 SECAM	64 PAL	67 NTSC3.58,4.43	1	75 PAL	① NTSC 3.58	
				=	NTSC 3.58, 4.43		معاكم		-}}-			
	O.97 p - p (H)	0.48Vp-p(H)	1V p - p(H) (3.58) 0.65V p - p(H) (4.43)	4V p – p (H)		2.2V p - p (H)	0.9V p-p(H)	0.8 V p - p (H)(3, 58) 0,4 V p - p (H)(4, 43)	3.2 V p-p(H)	2.4V p - p (H)	2.4V p - p (H)	
3	N TSC 3.58 , 4.43	6 NTSC 3.58, 4.43	10 PAL	(13) SECAM		29 NTSC 3.58,4.43	64 SECAM	68 PAL	72 PAL, SECAM	75 SECAM	① NTSC 4.43	
_ 4		Non All this a	Wun		5.2Vp-p(H) (PAL) 55V p-p(H) (SECAM) 5Vp-p(H) (3.58)	10000-10000-1	-M	Manna	NTSC3.58,4.43	الأطبع الأخييس الأبط		
- ال	O.85V p - p (H)	0.5 V p - p (H) (3.58) 0.3 V p - p (H) (4.43)	1.1 A b - b (H)	[_]	5 V p - p(H) (3.58) 5 V p - p(H) (4.43)	I.6V p - p (H)(3.58) I.8V p - p (H)(4.43)	IV p - p (H)	0.7Vp - p (H)		2.4 V p = p (H)	2.4V p - p (H)	
4		(7) PAL	10 SECAM	(3) NTSC 3.58,4.43	21)	30 PAL	64 NTSC 3.58,4.43	68 SECAM	1	75 NTSC 3.58	78 PAL	-
									0.28 V p - p (4.43 MHz)(PAL) 0.36 V p - p (4.43 MHz)(SECAM)			
M. A. S	1340-0 (4)	0.7 V p - p (H)	23/2 - ///	4Vp p (H) (3.58)		0.375 - 5157	1.1V p - p (H)	1.1 V b - b (H)	0.34Vp-p (3.58 MHz)(3.58) 0.28Vp-p (4.43 MHz)(4.43)			
	1.3Vp-p (H)	Out the hruit	0.7Vp - p (H)	4 V p - p (H) (4, 43)	16.4 h - h / 11.1	0.3 V p - p (H)	1.14 h - h (u)	1.1 ¥ ¥ ~ ¥ (n)		2.2V p - p (H)	2.2 V p - p (H)	









SECTION 6 **EXPLODED VIEWS**

NOTE:

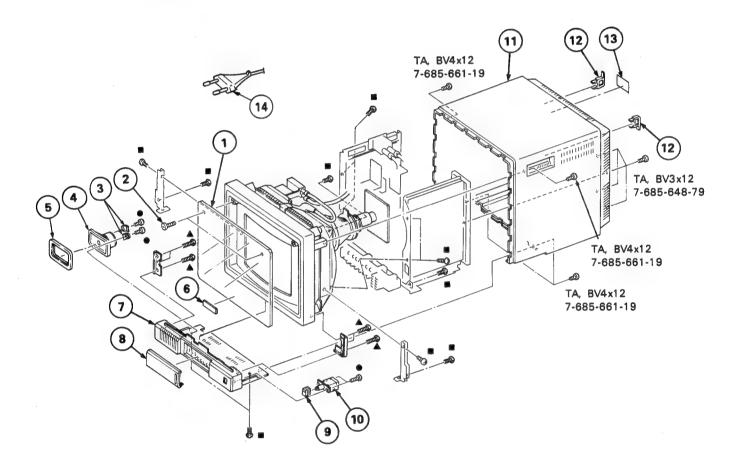
- · Items with no part number and no des-
- cription are not stocked because they are seldom required for routine service.

 The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and mark A are critical for safety.
Replace only with part number specified.

(1) CABINET ASS'Y

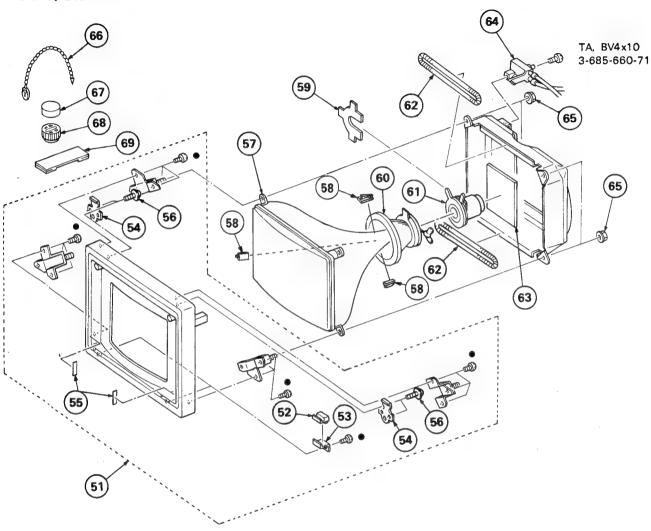
■ : TA, BV3x8 7-685-646-71 • : TA, BV3x12 7-685-648-71 A: TA BV4x12 7-685-661-14



No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
1 2 3 4 5 6 7 8 9	*4-321-611-00 1-503-109-00 *4-364-741-00 *X-3701-079-0	SCREW, ORNAMENTAL CLAW, RETAINING, SPEAKER SPEAKER CUSHION, SPEAKER EMBLEM (SMALL) ASSY, SONY PANEL ASSY, CONTROL DOOR ASSY	8	11 12 13	A-1-554-967-11 X-4365-404-1 4-316-003-00 *4-365-424-01 A-1-558-159-11	CABINET ASSY HOLDER, CORD LABEL, MODEL NUMBER	12

(2) BEZEL ASS'Y

• : TA, BV3x12 7-685-648-71

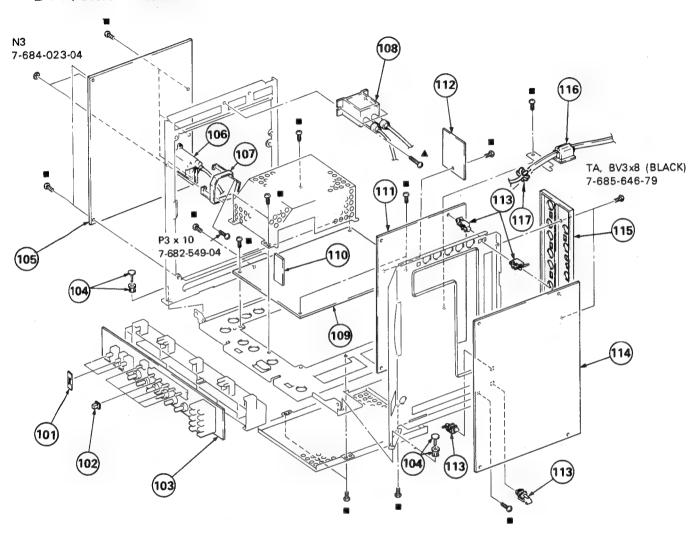


No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
58 59	4-364-701-00 *4-341-905-00 9-911-837-XX 4-302-428-00 \$-8738-312-05 3-703-961-01 1-452-146-21	PROTECTOR, FILTER HOLDER, FILTER NUT, PLATE (A) CUSHION (B), FILTER HEAD, WASHER, TAPPING SCREW CRT (330YB22)	52-56	62 63	A₁-426-086-12 *A-1330-541-A A₁-228-482-14 4-306-034-00 4-308-870-00 1-452-032-00 1-452-094-00	CRT NECK ASSY (H TYPE) COIL, DEGAUSSING C1 BOARD, COMPLETE RESISTOR ASSY, HIGH-VOLTAGE FLANGE NUT, (B) 5MM CLIP, LEAD WIRE MACNET, DISK; 10MM & MAGNET, ROTATABLE DISK; 15MM & PERMALLOY ASSY, CONVERGENCE	,

The components identified by shading and mark A are critical for safety.
Replace only with part number specified.

(3) CHASSIS ASS'Y

■ : TA, BV4x12 7-685-661-14 ▲ : TA, BV3x8 7-685-646-71



No.	Part No.	Description	Remark	No.	Part No.	Description	<u>Remark</u>
107	4-369-627-01 *1-613-041-11 3-646-090-00 *A-1345-472-A \$\delta_1-439-308-12 *4-364-749-00			115	*1-613-847-11 *A-1275-057-A *1-613-038-11 *3-703-141-00 *A-1135-334-A 4-365-421-01	Q BOARD, COMPLETE C2 BOARD HOLDER, PCB B BOARD, COMPLETE PANEL (C), CONNECTOR BUSHING, AC CORD	

The components identified by shading and mark A are critical for safety. Replace only with part number specified.



SECTION 7 ELECTRICAL PARTS LIST

NOTE:

The components identified by shading and mark <u>A</u> are critical for safety. Replace only with part number specified.

 Items marked "* are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

When indicating parts by reference number, please include the board name.

 All variable and adjustable resistors have characteristic curve B, unless otherwise noted. CAPACITORS • MF : ער, PF : אַעע

RESISTORS

COILS

All resistors are in ohms
 F: nonflammable

• MMH : mH, UH : با

Ref.No	. Part No.	Description			Remark	Ref.No.	Part No.	Description			Remark
	*A-1135-334-A	B BOARD, COM				C111 C112 C113	1-101-888-00 1-102-971-00 1-102-978-00		68PF 82PF 220PF	5% 5% 5%	50V 50V 50V
	*4-364-755-01	TAPE, SHIELD)			C115 C117	1-123-356-00 1-123-329-51		10MF 10MF	20% 20%	16V 25V
	CON	NECTOR				C119	1-102-944-00	CERAMIC	7PF	0.5PF	50V
B1 B2 B3 B4 B5	*1-560-124-00 *1-560-224-00 *1-560-124-00 *1-560-128-00 *1-560-156-00	PLUG, CONNEC PLUG, CONNEC PLUG, CONNEC PLUG, CONNEC PLUG, CONNEC	TOR (2.5MM F TOR (2.5MM) TOR (2.5MM) TOR (2.5MM F TOR (2.5MM F	PITCH) 10P 4P PITCH) PITCH)		C120 C121 C122 C123	1-102-944-00 1-102-944-00 1-102-944-00 1-123-380-00	CERAMIC CERAMIC CERAMIC ELECT	7PF 7PF 7PF 1MF	0.5PF 0.5PF 0.5PF 20%	50V 50V 50V 50V
86 87 88	*1-560-290-00 *1-560-124-00 *1-560-124-00	PLUG, CONNEC PLUG, CONNEC PLUG, CONNEC	TOR (2.5MM F TOR (2.5MM)	PITCH) 4P		C124 C127 C128 C129 C130	1-123-329-51 1-101-004-00 1-123-380-00 1-123-329-51 1-123-380-00	ELECT CERAMIC ELECT ELECT ELECT	10MF 0.01MF 1MF 10MF 1MF	20% 20% 20% 20%	25V 50V 50V 25V 50V
	CAP	ACITOR				İ					100V
C003 C004 C005 C006 C007	1-123-329-51 1-123-329-51 1-123-329-51 1-123-329-51 1-123-329-51	ELECT ELECT ELECT ELECT ELECT	10MF 10MF 10MF 10MF 10MF	20% 20% 20% 20% 20%	25V 25V 25V 25V 25V	C131 C132 C133 C134 C135	1-106-220-00 1-106-220-00 1-123-332-00 1-102-944-00 1-101-004-00	MYLAR MYLAR ELECT CERAMIC CERAMIC	0.1MF 0.1MF 47MF 7PF 0.01MF	10% 10% 0.5PF	100V 100V 16V 50V 50V
C008 C009 C010 C011 C012	1-123-380-00 01-106-212-00 01-123-329-51 1-123-329-51 1-123-329-51	ELECT MYLAR ELECT ELECT ELECT	1MF 0.047MF 10MF 10MF 10MF	20% 10% 20% 20% 20%	50V 100V 25V 25V 25V	C136 C137 C138 C139 C140	1-101-880-00 1-102-959-00 1-101-004-00 1-108-579-00 1-123-381-00	CERAMIC CERAMIC CERAMIC MYLAR ELECT	47PF 22PF 0.01MF 0.01MF 2.2MF	5% 5% 5% 20%	50V 50V 50V 50V 50V
C013 C014 C015 C017 C018	1-123-329-51 1-123-380-00 1-106-212-00 1-106-212-00 1-123-380-00	ELECT ELECT MYLAR MYLAR ELECT	10MF 1MF 0.047MF 0.047MF	20% 20% 10% 10% 20%	25V 50V 100V 100V 50V	C141 C142 C143 C144 C145	1-161-025-00 1-161-025-00 1-101-880-00 1-101-880-00 1-102-934-00	CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC	0.1MF 0.1MF 47PF 47PF 1PF	10% 10% 5% 5% 0.25PF	25V 25V 50V 50V 50V
C019 C020 C021 C022 C023	1-123-329-51 1-123-329-51 1-123-329-51 1-123-329-51 1-123-329-51	ELECT ELECT ELECT ELECT ELECT	10MF 10MF 10MF 10MF 10MF	20% 20% 20% 20% 20%	25V 25V 25V 25V 25V	C146 C147 C149 C150 C151	1-102-963-00 1-101-004-00 1-101-004-00 1-101-004-00 1-101-004-00	CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC	33PF 0.01MF 0.01MF 0.01MF 0.01MF	5%	50V 50V 50V 50V 50V
C024 C025 C026 C027 C034	11-123-329-51 11-123-329-51 11-123-332-00 11-123-329-51 11-106-172-00	ELECT ELECT ELECT ELECT MYLAR	10MF 10MF 47MF 10MF 0.001MF	20% 20% 20% 20% 10%	25V 25V 25V 25V 100V	C152 C153 C155 C156 C157	1-101-004-00 1-106-204-00 1-102-946-00 1-123-330-00 (1-123-380-00	CERAMIC MYLAR CERAMIC ELECT ELECT	0.01MF 0.022MF 9PF 22MF 1MF	10% 0.5PF 20% 20%	50V 100V 50V 25V 50V
C035 C036 C100 C102 C103	1-106-172-00 1-106-172-00 1-101-361-00 1-123-332-00 1-102-961-00	MYLAR MYLAR CERAMIC ELECT CERAMIC	0.001MF 0.001MF 150PF 47MF 27PF	10% 10% 5% 20% 5%	100V 100V 50V 25V 50V	C158 C159 C160 C161 C162	1-123-382-00 1-124-049-00 1-102-115-00 1-102-971-00 1-101-361-00	ELECT ELECT CERAMIC CERAMIC CERAMIC	3.3MF 0.47MF 560PF 82PF 150PF	20% 20% 10% 5%	50V 50V 50V 50V
C104 C105 C106 C107 C108	1-102-973-00 1-123-356-00 1-123-329-51 1-102-978-00 1-123-356-00	CERAMIC ELECT ELECT CERAMIC ELECT	100PF 10MF 10MF 220PF 10MF	5% 20% 20% 5% 20%	50V 16V 25V 50V 16V	C163 C164 C165 C166 C167	1-102-971-00 1-121-257-00 1-101-361-00 1-101-888-00 1-101-006-21	CERAMIC ELECT CERAMIC CERAMIC CERAMIC	82PF 4.7MF 150PF 68PF 0.047MF	5% 5% 5%	50V 16V 50V 50V 50V
C109 C110	1-102-959-00 1-102-961-00	CERAMIC CERAMIC	22PF 27PF	5% 5%	50 v	C169 C170 C172	1-106-220-00 1-123-380-00 1-101-888-00	MYLAR ELECT CERAMIC	0.1MF 1MF 68PF	10% 20% 5%	100V 50V 50V



Ref.No.	Part No.	Description			Remark	Ref.No.	Part No.	Description			Remark
C173 G175	1-106-188-00 1-101-361-00 1-102-951-00 1-102-963-00 1-123-329-51	MYLAR CERAMIC CERAMIC CERAMIC ELECT	0.0047MF 150PF 15PF 33PF 10MF	10% 5% 5% 5% 20%	100V 50V 50V 50V 25V	C237 C239 C244 C245 C246	1-161-330-00 1-101-004-00 1-101-004-00 1-101-004-00 1-101-004-00	CERAMIC CERAMIC CERAMIC CERAMIC CERAMIC	0.01MF 0.01MF 0.01MF 0.01MF 0.01MF	30%	25V 50V 50V 50V 50V
C179 C180 C183 C184 C186	1-101-004-00 1-123-324-00 1-123-379-00 1-123-379-00 1-123-324-00	CERAMIC ELECT ELECT ELECT ELECT	0.01MF 1000MF 0.47MF 0.47MF 1000MF	20% 20% 20% 20%	50V 16V 50V 50V 16V	C247 C248 C250 C252 C1001	1-101-006-00 1-101-006-00 1-123-330-00 1-102-824-00 1-102-935-00	CERAMIC CERAMIC ELECT CERAMIC CERAMIC	0.047MF 0.047MF 22MF 470PF 2PF	20% 5% 0.25PF	50V 50V 25V 50V 50V
C188 C189 C190 C195 C200	1-123-329-51 1-123-329-51 1-123-329-51 1-102-824-00 1-123-607-00	ELECT ELECT ELECT CERAMIC ELECT	10MF 10MF 10MF 470PF 0.1MF	20% 20% 20% 5% 20%	25V 25V 25V 50V 50V	C1002 C1003	1-102-935-00 1-102-935-00 <u>DIO</u>	CERAMIC	2PF 2PF	0.25PF 0.25PF	
C201 C201A C202 C202A C203	1-123-607-00 1-102-816-00 1-123-607-00 1-102-978-00 1-121-257-00	ELECT CERAMIC ELECT CERAMIC ELECT	0.1MF 120PF 0.1MF 220PF 4.7MF	20% 5% 20% 5%	50V 50V 50V 50V 16V	D001 D002 D003 D004 D005	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119			
C203A C204 C205 C206 C207	1-102-978-00 1-123-381-00 1-102-525-00 1-102-892-00 1-102-679-00	CERAMIC ELECT CERAMIC CERAMIC CERAMIC	220PF 2.2MF 68PF 22PF 120PF	5% 20% 5% 5% 5%	50V 50V 50V 50V 50V	D007 D101 D102 D103 D104 	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE ERA81- DIODE 1SS119 DIODE 1SS119)) -004		
C208 C209 C210 C211 C212	1-101-880-00 1-102-971-00 1-102-978-00 1-106-196-00 1-123-329-51	CERAMIC CERAMIC CERAMIC MYLAR ELECT	47PF 82PF 220PF 0.01MF 10MF	5% 5% 5% 10% 20%	50V 50V 50V 100V 25V	D106 D107 D108 D109	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119)))		
C213 C214 C215 C216 C217	1-101-004-00 1-108-579-00 1-102-892-00 1-102-824-00 1-123-329-51	CERAMIC MYLAR CERAMIC CERAMIC ELECT	0.01MF 0.01MF 22PF 470PF 10MF	5% 5% 5% 20%	50V 50V 50V 50V 25V	D110 D111 D112 D113 D114	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	DIODE 188119 DIODE 188119 DIODE 188119 DIODE 188119)))		
C218 C219 C220 C221 C222	1-101-004-00 1-123-332-00 1-123-325-00 1-106-220-00 1-123-321-00	CERAMIC ELECT ELECT MYLAR ELECT	0.01MF 47MF 2200MF 0.1MF 220MF	20% 20% 10% 20%	50V 25V 16V 100V 16V	D115 D116 D117 D118 D119	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	DIODE 188119 DIODE 188119 DIODE 188119 DIODE 188119 DIODE 188119	9		
C224 C225 C226 C227 C228	1-123-369-00 1-123-380-00 1-102-121-00 1-108-595-00 1-123-332-00	ELECT ELECT CERAMIC MYLAR ELECT	4.7MF 1MF 0.0022MF 0.047MF 47MF	20% 20% 10% 5% 20%	25V 50V 50V 50V 25V	D120 D122 D123 D124 D125	8-719-911-19 8-719-911-19 8-719-911-19 8-719-100-37 8-719-911-19		9 9 E-B1 9		
C229	1-123-380-00	ELECT	1MF	20%	507	D126		DIODE 1SS11	9		
C230 C231 C232 C233	1-102-121-00 1-123-356-00 1-123-356-00 1-123-379-00	ELECT ELECT	0.0022MF 10MF 10MF 0.47MF	10% 20% 20% 20%	50V 16V 16V 50V	DL102	1-415-280-00 1-415-188-00 1-415-122-31	DELAY LINE			
C234 C235 C236	1-106-196-00 1-123-321-00 1-101-004-00	ELECT	0.01MF 220MF 0.01MF	10% 20%	100V 16V 50V		1 713 -126-JI	waterii halling	(1116)		



Ref.No. Part No.	Description	Remark	Ref.No.	Part No.	Description		Remark
IC001 8-759-700-06 IC101 8-752-006-10 IC102 8-752-006-10 IC103 8-759-113-65	IC CX20061 IC CX20061 IC UPC1365C		Q106 Q107 Q108 Q109 Q110	8-729-245-83 8-729-245-83 8-729-245-83 8-729-204-83 8-729-245-83	TRANSISTOR : TRANSISTOR : TRANSISTOR :	2SC 2458 2SC 2458 2SA 1048GR	
IC104 8-759-240-24 IC105 8-759-240-23 IC201 8-759-100-15 IC202 8-759-101-77 *3-538-178-00	IC TC4024BP IC TC4023BP IC UPC1364C IC UPC1241H HEAT SINK; IC202		Q111 Q114 Q116 Q117 Q118	8-729-245-83 8-729-313-42 8-729-204-83 8-729-245-83 8-729-245-83	TRANSISTOR TRANSISTOR TRANSISTOR	2SD1134 2SA1048GR 2SC2458	
IC203 8-759-610-95	IC CXO95E		Q120 Q121	8-729-245-83 8-729-204-83 8-729-245-83	TRANSISTOR	2SA1048GR	
J2 1-536-842-11	TERMINAL BOARD, INPUT/OUTPUT(A)		Q123 Q124	8-729-245-83 8-729-115-30	TRANSISTOR	2SC 2458	
<u>co:</u>	<u>L</u>		0125	8-729-245-83			
L101 1-408-412-00 L102 1-408-412-00 L103 1-408-411-00 L104 1-408-414-00	MICRO INDUCTOR 18UH MICRO INDUCTOR 18UH MICRO INDUCTOR 15UH MICRO INDUCTOR 27UH		Q127 Q128 Q129	8-729-115-30 8-729-115-30 8-729-245-83	TRANSISTOR : TRANSISTOR : TRANSISTOR :	2SK105A-30 2SK105A-30 2SC2458	
L105 1-408-414-00 L106 1-408-409-00 L107 1-408-413-00 L108 1-408-416-00	MICRO INDUCTOR 27UH MICRO INDUCTOR 10UH MICRO INDUCTOR 22UH MICRO INDUCTOR 39UH		Q130 Q131 Q132 Q133 Q135	8-729-245-83 8-729-115-30 8-729-245-83 8-729-204-83	TRANSISTOR : TRANSISTOR TRANSISTOR	2SK105A-30 2SK105A-30 2SC2458	
L110 1-408-412-00 L111 1-408-406-00	MICRO INDUCTOR 5.6UH		Q136 Q137	8-729-204-83 8-729-204-83			
L112 1-408-408-00 L113 1-408-226-00 L114 1-408-419-00 L115 1-408-403-00	MICRO INDUCTOR 8.2UH MICRO INDUCTOR 82UH MICRO INDUCTOR 68UH MICRO INDUCTOR 3.3UH		Q138 Q139 Q140	8-729-204-83 8-729-245-83 8-729-204-83	TRANSISTOR : TRANSISTOR : TRANSISTOR :	2SA1048GR 2SC2458 2SA1048GR	
L201 1-408-247-00 L202 1-408-163-00 L203 1-408-414-00	MICRO INDUCTOR 3.6MMH MICRO INDUCTOR 27UH		Q141 Q142 Q143 Q144	8-729-204-83 8-729-204-83 8-729-204-83 8-729-245-83 8-729-245-83	TRANSISTOR : TRANSISTOR : TRANSISTOR :	2SA1048GR 2SA1048GR 2SC 2458	
TRA	ANSISTOR		1 0148	8-729-245-83			
Q001 8-729-245-83 Q002 8-729-204-83 Q003 8-729-204-83 Q004 8-729-204-83 Q005 8-729-245-83	TRANSISTOR 2SC2458 TRANSISTOR 2SA1048GR TRANSISTOR 2SA1048GR TRANSISTOR 2SA1048GR TRANSISTOR 2SC2458		Q149 Q150 Q151 Q152	8-729-204-83 8-729-204-83 8-729-245-83 8-729-245-83	TRANSISTOR : TRANSISTOR : TRANSISTOR :	2SA1048GR 2SA1048GR 2SC2458	
Q006 8-729-204-83 Q007 8-729-204-83 Q008 8-729-245-83 Q009 8-729-204-83	MICRO INDUCTOR 18UH MICRO INDUCTOR 18UH MICRO INDUCTOR 18UH MICRO INDUCTOR 18UH MICRO INDUCTOR 15UH MICRO INDUCTOR 27UH MICRO INDUCTOR 27UH MICRO INDUCTOR 27UH MICRO INDUCTOR 39UH MICRO INDUCTOR 39UH MICRO INDUCTOR 39UH MICRO INDUCTOR 3.6UH MICRO INDUCTOR 8.2UH MICRO INDUCTOR 8.2UH MICRO INDUCTOR 8.3UH MICRO INDUCTOR 3.3UH MICRO INDUCTOR 3.3UH MICRO INDUCTOR 3.3UH MICRO INDUCTOR 3.3UH MICRO INDUCTOR 3.3WHH MICRO INDUCTOR 27UH ANSISTOR TRANSISTOR 2SC 2458 TRANSISTOR 2SA1048GR		Q153 Q154 Q155 Q159	8-729-245-83 8-729-245-83 8-729-245-83 8-729-204-83	TRANSISTOR : TRANSISTOR : TRANSISTOR :	2SC 2458 2SC 2458	
			•	-	ISTOR		
Q011 8-729-245-83 Q012 8-729-204-83 Q101 8-729-245-83 Q102 8-729-245-83 Q103 8-729-245-83	TRANSISTOR 2SA1048GR TRANSISTOR 2SC2458		R002 R003 R004 R005 R006	1-247-713-11 1-249-434-11 1-247-845-00 1-249-421-11 1-247-875-00	CARBON CARBON CARBON	1K 5% 27K 5% 3.9K 5% 2.2K 5% 68K 5%	1/4W 1/6W 1/6W 1/6W 1/6W
Q104 8-729-245-83 Q105 8-729-245-83			R007 R009	1-247-863-00 1-247-850-00	CARBON CARBON	22K 5% 6.2K 5%	1/6W 1/6W



							10.5.11		Description				Domanic
Ref.No.	Part No.	Description				Remark	Ret.No.	Part No.	Description				Remark
R010 R011 R012 R013	1-247-850-00 1-247-850-00 1-249-437-11 1-247-877-00	CARBON CARBON CARBON CARBON	6.2K 6.2K 47K 82K	5% 5% 5%	1/6W 1/6W 1/6W 1/6W		R106 R107 R108 R109	1-247-843-00 1-247-849-00 1-249-429-11 1-247-823-00 1-247-823-00	CARBON CARBON CARBON CARBON CARBON	3.3K 5.6K 10K 470 470	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R014	1-247-885-00	CARBON	180K	5%	1/6W		R110			2.2K	5%	1/6W	
R015 R016 R017 R019 R020	1-247-873-00 1-247-831-00 1-247-104-00 1-247-104-00 1-249-434-11	CARBON CARBON CARBON CARBON CARBON	56K 1K· 75 75 27K	5% 5% 5% 5% 5%	1/6W 1/6W 1/4W 1/4W 1/6W		R111 R112 R113 R114 R115	1-249-421-11 1-247-827-00 1-247-817-00 1-247-827-00 1-249-419-11	CARBON CARBON CARBON CARBON CARBON	680 270 680 1.5K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W	
R021 R022 R023 R024 R025	1-247-845-00 1-247-863-00 1-247-875-00 1-247-850-00 1-249-437-11	CARBON CARBON CARBON CARBON CARBON	3.9K 22K 68K 6.2K 47K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R116 R117 R118 R119 R120	1-247-803-00 1-247-827-00 1-247-827-00 1-247-807-00 1-247-827-00	CARBON CARBON CARBON CARBON CARBON	68 680 680 100 680	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R026 R027 R028 R029 R030	1-247-173-00 1-247-877-00 1-247-885-00 1-249-429-11 1-247-885-00	CARBON CARBON CARBON CARBON CARBON	56K 82K 180K 10K 180K	5% 5% 5% 5%	1/4W 1/6W 1/6W 1/6W 1/6W		R121 R122 R123 R124 R125	1-247-827-00 1-247-807-00 1-247-831-00 1-247-823-00 1-247-831-00	CARBON CARBON CARBON CARBON CARBON	680 100 1K 470 1K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R031 R032 R033 R034 R035	1-247-877-00 1-249-437-11 1-247-863-00 1-247-875-00 1-247-831-00	CARBON CARBON CARBON CARBON CARBON	82K 47K 22K 68K 1K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R126 R127 R128 R129 R130	1-247-807-00 1-247-827-00 1-247-814-00 1-249-419-11 1-247-827-00	CARBON CARBON CARBON CARBON CARBON	100 680 200 1.5K 680	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R036 R037 R038 R039 R040	1-247-104-00 1-249-434-11 1-247-845-00 1-247-850-00 1-247-875-00	CARBON CARBON CARBON CARBON CARBON	75 27K 3.9K 6.2K 68K	5% 5% 5% 5%	1/4W 1/6W 1/6W 1/6W 1/6W		R131 R132 R133 R135 R136	1-247-823-00 1-247-837-00 1-247-799-00 1-247-816-00 1-249-421-11	CARBON CARBON CARBON CARBON CARBON	470 1.8K 47 240 2.2K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R041 R042 R043 R045 R046	1-247-104-00 1-249-434-11 1-247-878-00 1-249-429-11 1-247-853-00	CARBON CARBON CARBON CARBON CARBON	75 27K 91K 10K 8.2K	5% 5% 5% 5% 5%	1/4W 1/6W 1/6W 1/6W 1/6W		R137 R138 R140 R141 R143	1-247-861-00 1-247-843-00 1-247-863-00 1-247-863-00 1-247-807-00	CARBON CARBON CARBON CARBON CARBON	18K 3.3K 22K 22K 100	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R049 R051 R052 R053 R054	1-247-873-00 1-249-421-11 1-247-807-00 1-249-437-11 1-249-437-11	CARBON CARBON CARBON CARBON CARBON	56K 2.2K 100 47K 47K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R146 R147 R148 R149 R150	1-247-803-00 1-249-419-11 1-249-419-11 1-247-863-00 1-247-829-00	CARBON CARBON CARBON CARBON CARBON	68 1.5K 1.5K 22K 820	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R055 R056 R061 R062 R063	1-247-877-00 1-247-150-00 1-247-226-00 1-247-133-00 1-247-791-00		82K 6.2K 270 1.2K 22	5% 5% 5% 5% 5%	1/6W 1/4W 1/2W 1/4W 1/6W		R151 R152 R153 R154 R155	1-247-823-00 1-247-829-00 1-247-843-00 1-247-863-00 1-249-429-11	CARBON CARBON CARBON CARBON CARBON	470 820 3.3K 22K 10K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R066 R068 R100 R101 R102	1-249-429-11 1-247-803-00 1-247-853-00 1-247-869-00 1-247-815-00	CARBON CARBON CARBON	10K 68 8.2K 39K 220	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R156 R157 R158 R159 R160	1-247-867-00 1-247-867-00 1-247-875-00 1-247-827-00 1-247-869-00	CARBON CARBON CARBON	33K 33K 68K 680 39K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R103 R104 R105	1-247-833-00 1-247-819-00 1-247-827-00	CARBON	1.2K 330 680	5% 5% 5%	1/6W 1/6W 1/6W		R161 R162 R165	1-249-429-11 1-249-437-11 1-247-903-00	CARBON	10K 47K 1M	5% 5% 5%	1/6W 1/6W 1/6W	

PVM-1371QM



Ref.No.	Part No.	Description				Remark	Ref.No.	Part No.	Description				Remark
R168 R170 R171	1-249-419-11 1-247-867-00 1-247-859-00 1-247-879-00 1-247-847-00	CARBON CARBON CARBON CARBON CARBON	1.5K 33K 15K 100K 4.7K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R223 R224 R225 R226 R228	1-247-849-00 1-247-891-00 1-247-879-00 1-247-878-00 1-249-419-11	CARBON CARBON CARBON CARBON CARBON	5.6K 330K 100K 91K 1.5K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R177 R178 R179	1-247-887-00 1-247-879-00 1-247-883-00 1-247-875-00 1-247-831-00	CARBON CARBON CARBON CARBON CARBON	220K 100K 150K 68K 1K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R230 R231 R232 R233 R233	1-247-847-00 1-247-873-00 1-247-821-00 1-247-815-00 1-247-815-00	CARBON CARBON CARBON CARBON CARBON	4.7K 56K 390 220 220	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R182 R183 R184	1-249-429-11 1-249-437-11 1-247-843-00 1-247-833-00 1-247-877-00	CARBON CARBON CARBON CARBON CARBON	10K 47K 3.3K 1.2K 82K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R235 R236 R237 R238 R239	1-247-823-00 1-247-807-00 1-247-815-00 1-247-867-00 1-247-877-00	CARBON CARBON CARBON CARBON CARBON	470 100 220 33K 82K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R187 R188 R189	1-247-823-00 1-249-434-11 1-247-867-00 1-247-875-00 1-247-867-00	CARBON CARBON CARBON CARBON CARBON	470 27K 33K 68K 33K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R240 R241 R242 R242 R243 R244	1-247-841-00 1-247-863-00 1-247-854-00 1-247-857-00 1-247-843-00	CARBON CARBON CARBON CARBON CARBON	2.7K 22K 9.1K 12K 3.3K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R192 R193 R194	1-249-437-11 1-249-421-11 1-247-845-00 1-247-859-00 1-249-421-11	CARBON CARBON CARBON CARBON CARBON	47K 2.2K 3.9K 15K 2.2K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R245 R246 R247 R248 R249	1-247-849-00 1-249-429-11 1-247-859-00 1-249-421-11 1-249-437-11	CARBON CARBON CARBON CARBON CARBON	5.6K 10K 15K 2.2K 47K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R197 R198 R199	1-249-434-11 1-247-827-00 1-247-827-00 1-247-831-00 1-247-863-00	CARBON CARBON CARBON CARBON CARBON	27K 680 680 1K 22K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R250 R251 R252 R253 R254	1-247-885-00 1-247-849-00 1-247-853-00 1-247-843-00 1-249-429-11	CARBON CARBON CARBON CARBON CARBON	180K 5.6K 8.2K 3.3K 10K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R201A R202 R203	1-247-903-00 1-247-704-11 1-247-903-00 1-249-429-11 1-249-429-11	CARBON CARBON CARBON CARBON CARBON	1M 220 1M 10K 10K	5% 5% 5% 5% 5%	1/6W 1/4W 1/6W 1/6W 1/6W		R255 R256 R258 R259 R260	1-247-831-00 1-247-853-00 1-249-421-11 1-247-853-00 1-247-875-00	CARBON CARBON CARBON CARBON CARBON	1K 8.2K 2.2K 8.2K 68K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R206 R207 R208	1-249-429-11 1-247-875-00 1-247-815-00 1-249-429-11 1-247-867-00	CARBON CARBON CARBON CARBON CARBON	10K 68K 220 10K 33K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R261 R262 R263 R264 R265	1-249-429-11 1-247-879-00 1-249-429-11 1-247-875-00 1-249-429-11	CARBON CARBON CARBON CARBON CARBON	10K 100K 10K 68K 10K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R211 R212 R213	1-247-815-00 1-247-815-00 1-247-845-00 1-247-815-00 1-247-815-00	CARBON CARBON CARBON CARBON CARBON	220 220 3.9K 220 220	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R266 R267 R268 R269 R270	1-249-429-11 1-247-875-00 1-247-875-00 1-249-429-11 1-247-827-00	CARBON CARBON CARBON CARBON CARBON	10K 68K 68K 10K 680	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R216 R217 R218	1-247-847-00 1-247-879-00 1-247-879-00 1-249-429-11 1-247-849-00	CARBON CARBON CARBON CARBON CARBON	4.7K 100K 100K 10K 5.6K	5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R271 R272 R273 R274 R275	1-247-179-00 1-246-517-25 1-202-463-00 1-247-171-00 1-249-429-11	CARBON SOLID	100K 68K 2.2M 47K 10K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/6W	
R221	1-247-867-00 1-247-868-00 1-247-875-00	CARBON CARBON CARBON	33K 36K 68K	5% 5% 5%	1/6W 1/6W 1/6W		 R276 R277 R278	1-247-859-00 1-247-829-00 1-249-421-11	CARBON	15K 820 2.2K	5% 5% 5%	1/6W 1/6W 1/6W	





Ref.No.	Part No.	Description				Remark	Ref.No.	Part No.	Description			Remark
R279	1-247-167-00	CARBON	33K	5%	1/4W			1-226-852-00	RES, ADJ, CARE			
R280	1-249-437-11	CARBON	47K	5%	1/6W			1-226-849-00				
R281	1-247-859-00	CARBON	15K	5%	1/6W	_	•	1-228-724-00	RES, ADJ, CARE			
R282	1-247-839-00	CARBON	2.2K		1/8W	r		1-226-850-00	RES, ADJ, CARE			
R283	1-247-847-00	CARBON	4.7K	5%	1/6W		RV109	1-226-850-00	RES, ADO, CARI	30N 4.7K		
R284	1-247-853-00	CARBON	8.2K	5%	1/6W		RV110	1-226-846-00	RES, ADJ, CARE	BON 470		
R 285	1-247-843-00	CARBON	3.3K	5%	1/6W				RES, ADJ, CARI			
R286	1-247-843-00	CARBON	3.3K		1/6W		1					
R287	1-247-903-00	CARBON	1M	5%	1/6W			<u>SWI</u>	TCH			
R288	1-247-879-00	CARBON	100K	5%	1/6W		1 51	1 552 725 00	SWITCH, SLIDE			
0.200	1-249-429-11	CARBON	10K	5%	1/6W		51 52		SWITCH, SLIDE			
R290 R291	1-249-429-11	CARBON	10K	5%	1/6W		1 53		SWITCH, SLIDE			
R292	1-249-447-11	CARBON	1	5%	1/4W		İ					
R293	1-247-841-00	CARBON	2.7K	5%	1/6W		1	TRA	NSFORMER			
	1-247-807-00	CARBON	100	5%	1/6W		1			- \		
					2 (4)		T101		COIL (VARIABLE			
R 295	1-249-429-11	CARBON	10K	5%	1/6W		T102 T103	1-409-193-00 1-409-193-00				
R296	1-247-179-00	CARBON	100K 47K	5% 5%	1/4W 1/6W		T103	1-404-081-00	TRANSFORMER,	DELAY ADJUST		
R297	1-249-437-11	CARBON	47K	5%	1/6W		T201	1-404-146-00	TRANSFORMER			
R 298 R 299	1-249-437-11	CARBON CARBON	470	5%	1/6W							
N Z J J	1-247-025 00	0,1110011					T202		COIL, VARIABL			
R301	1-247-658-00	CARBON	47	5%	1/4W	F	T203		COIL, VARIABL			
R302	1-249-437-11	CARBON	47K	5%	1/6W		T204	1-408-513-00	COIL (VARIABL	E)		
R 303	1-247-827-00	CARBON	680	5%	1/6W		1	THE	RMISTOR			
R 304	1-247-827-00	CARBON	680	5%	1/6W 1/6W		-	1112	KHIJIOK			
R 305	1-247-827-00	CARBON	680	5%	1/ OW		TH101	1-800-070-XX	THERMISTOR TH	-4700		
R306	1-247-883-00	CARBON	150K	5%	1/6W			1-800-626-00				
R 307	1-247-819-00	CARBON	330	5%	1/6W							
R308	1-249-434-11	CARBON	27K	5%	1/6W		ļ	CRY	STAL			
R 309	1-247-815-00	CARBON	220	5%	1/6W		V101	1 527 206 00	CRYSTAL, OSC			
R310	1-247-843-00	CARBON	3.3K	5%	1/6W		X101 X102		CRYSTAL, OSC			
R311	1-247-872-00	CARBON	51K	5%	1/6W		i		•			
R312	1-249-421-11	CARBON	2.2K		1/6W		*****	*****	*****	*****	*****	******
R313	1-247-847-00	CARBON	4.7K		1/6W		1	+A 1245 200 A	F BOARD, COMP	I FTF		
R314	1-247-867-00	CARBON	33K 1.5K	5% 5%	1/6W 1/6W			*A-1240-290-A	*******			
R315	1-249-419-11	CARBON	1.50	3/6	1/0#							
R316	1-249-419-11	CARBON	1.5K		1/6W		Ì	CAI	PACITOR			
R317	1-247-127-00		680	5%	1/4W		0000	1 100 710 71	FILM	0 17ME	20%	250V
R318	31-247-813-00		180	5%	1/6W		C000 Z		COVER, CAPACI		200	250 (10)
R319	1-247-823-00		470	5% 5%	1/6W 1/6W		C601 A	1-130-711-11		0.22MF	20%	250V
R322	1-247-851-00	CARBON	6.8K	3/6	1/0%			1.1-108-777-62	 		20%	300V
R324	1-247-127-00	CARBON	680	5%	1/4W		C603 A	1.1-161-973-12	CERAMIC	220PF 10-1-1	10%	400V
R325	1-249-429-11		10K	5%	1/6W						None of the control of the	******
R326	1-247-845-00		3.9K		1/6W		C604 A	1.1-161-973-12	CERAMIC	220PF	10%	400V
R328	1-247-837-00		1.8K		1/6W		C605 A	1-162-578-12	CERAMIC	0.0047MF	20%	400V 400V
R329	1-247-845-00	CARBON	3.9K	5%	1/6W		C606 Z	6.1-162-5/8-12 6.1-161-738-12	CERAMIC	0.0047MF	20%	400V
0.220	1 247 072 00	CARRON	56K	5%	1/6W		1 0607 2	1-161-738-12	CERAMIC	0.0047MF	20%	400V
R332	1-247-873-00 1-247-857-00		12K	5%	1/6W		.0000.7		TO TETRACIA DE PARA PER LA		State of the Con-	1.1.1
R 348 R 349	1-249-429-11		10K	5%	1/6W			1-161-738-12			20%	
11013							C610 /	1-161-738-12	CERAMIC	0.0047MF	20%	4007
	VA	RIABLE RESISTO	IR				0.011	4-875-455-21		ZU), CAPACIII ARME	ik; CDI	400V
	1 005 045 00	DEC 403 C	מ מספת	20			C611 C612	1-125-287-00 1-123-335-00		330MF	20%	25V
RV101	1-226-845-00 1-226-849-00	RES, ADJ, CA	RBON 3	. 3K			1 0012	1-123-333-00	24.01			
8A103	1-226-849-00	RES. ADJ. CA	RBON 2	2K			C613	1-136-065-00	FILM	0.0027MF	3%	2K V
1410-	. 1 220 002 00	,,										

The components identified by shading and mark A are critical for safety. Replace only with part number specified.

Ref.No. Part No.	Description		Remark	Ref.No.	Part No.	Description				Remark
C614 1-123-337-00 C615 1-123-356-00 C616 1-123-381-00 C617 21-102-125-00 C619 1-106-180-00	ELECT 10MF ELECT 2.2MF CERAMIC 0.0047MF	20% 20% 20% 10% 10%	25V 16V 50V 50V 100V	 F1 F2 F3	*1-506-349-21 *1-506-349-21 *1-508-765-00	3P PLUG (L) 3P PLUG (M)				
C621 1-123-356-00 C622 1-101-006-00 C623 1-102-820-00 C624 1-123-381-00 C625 1-123-380-00		20% 5% 20% 20%	16V 50V 50V 50V 50V	F4 F6 F7 F8	*1-560-290-00 *1-508-766-00 *1-560-124-00 *1-560-123-00	4P PLUG (M) PLUG, CONNECT	OR (2.	5MM PI	TCH)	
C626 1-102-095-00 C627 1-123-024-00 C628 1-123-024-00 C629 1-123-360-00 C630 1-123-998-00	CERAMIC 330PF ELECT 33MF ELECT 33MF ELECT 100MF ELECT 470MF	20% 20% 20%	1KV 160V 160V 50V 25V	 F601 <u>A</u> 	FUS 3.1-532-299-11 1-533-087-00 IC	_		50V		
C631 1-123-998-00 C632 1-123-323-00 C635 1-102-123-00 C640 \(\) 1-161-973-12 *4-374-846-11	CERAMIC PARTIE 220PF TO THE	20% 20% 10% 10%		 IC601 L601	8-759-100-75 <u>COI</u> 1-408-225-00		DR 3.3U	1		
C643 1-123-333-00 C644 1-123-334-00 C645 11-123-334-00 C646 1-123-359-00 C647 1-123-024-00	ELECT 100MF ELECT 220MF ELECT 220MF	20% 20% 20% 20%	16V 25V 25V 50V 160V	L602 L603 L609 L610	1-407-365-00 1-407-687-00 1-459-155-00 1-459-155-00	COIL, CHOKE (HIGH FR DR 3.3UH DRE) 45U DRE) 45U	REQUEN H JH	ICY)	
C648 A. 1-161-742-12 C649 A. 1-161-742-12 C650 A. 1-130-712-11	CERAMIC 0.0022MF CERAMIC 0.0022MF	20% 20% 20%	400V 400V 250V	L613	1-407-687-00	MICRO INDUCTO				
C656 1-101-004-00 C657 1-101-004-00 C658 1-108-429-00	CERAMIC 0.01MF MYLAR 0.047MF	10%	50V 50V 200V	Q601 Q602 Q603	8-729-313-82 *4-347-706-00 8-729-103-43	TRANSISTOR 25	01138 !); Q602 88734	2		
C659 1-102-820-00 C660 1-101-004-00 C667 A 1-162-578-12 C668 A 1-162-578-12	CERAMIC 0.01MF CERAMIC 0.0047MF	5% 20% 20%	50V 50V 400V 400V	Q604 Q605 	4-363-414-00	TRANSISTOR 2S SPACER, MICA;	01402 Q605	ANSEO	IDME D .	0605
	DDE			 Q606 	*4-367-204-00 8-729-177-43	TRANSISTOR 2S		KANSEO	milk,	2000
D602 8-719-100-77 D603 8-719-911-55 D604 8-719-924-06	DIODE U05G				.1-202-846-11 .1-247-289-11 1-244-929-00	CARBON CARBON	470K 8.2M 220K 4.7K	5% 5%	1W 1/2W	F
D606 8-719-200-02 D607 8-719-300-76 D608 8-719-102-74 D609 8-719-901-83 D610 8-719-100-87			·	R605 R606 R607 Z R608	1-206-680-00 1-247-242-00 1-206-479-00 1-247-805-31 1-217-193-00	CARBON METAL OXIDE CARBON WIREWOUND	1.2K 47 82 0.27	5% 5% 5% 10%	2W 1/2W 2W 1/6W 2W	F F
D611 8-719-901-83 D612 8-719-900-26 D613 8-719-901-93 D614 8-719-901-93 D615 8-719-981-00	DIODE 1SS83 DIODE ERD29-08J DIODE V19E DIODE V19E DIODE ERC81-004			R609B R610A R610B R611 R612	1-206-729-00 1-206-731-00 1-206-729-00 1-206-731-00 1-213-145-00 1-247-870-00	METAL OXIDE METAL OXIDE METAL OXIDE METAL OXIDE METAL OXIDE METAL OXIDE CARBON	1.5K 1.8K 1.5K 1.5K 1.5K 43K	5% 5% 5% 5% 5%	3W 3W 3W 3W 1W 1/6W	F F F
D616 8-719-981-00	DIODE ERC81-004			R613	1-247-819-00	CARBON	330	5%	1/6W	

The components identified by shading and mark <u>A</u> are critical for safety. Replace only with part number specified.

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Ref.No.	Part No.	Description				Remark	Ref.No	. Part No.	Description	-		Remar
R614 R615 R616	1-215-437-00 1-215-437-00 1-247-843-00	METAL METAL CARBON	4.7K 4.7K 3.3K	1%	1/6W 1/6W 1/6W			*1-613-847-11	F2 BOARD			
R618	1-247-881-00	CARBON CARBON	120K 470K	5%	1/6W 1/6W			*1-564-315-00	PIN ASSY, B	OARD TO BOARD	7 P	
R619	1-247-895-00							CAP	ACITOR			
R620 R621 R622	1-249-434-11 1-249-429-11 1-215-440-00	CARBON CARBON METAL	27K 10K 6.2K	5% 5% 1%	1/6W 1/6W 1/6W		C655	1-123-381-00	ELECT	2.2MF	20%	50V
R624 R625	1-215-456-00 1-249-429-11	METAL CARBON	30K 10K	1% 5%	1/6W 1/6W			<u>D10</u>		N1 2T1		
R626 R627	1-247-807-00 1-249-437-11	CARBON CARBON	100 47K	5% 5%	1/6W 1/6W		D617 D620	8-729-101-31 8-719-102-90				
R628 R629	1-247-831-00 1-247-829-00	CARBON CARBON	1K 820	5% 5%	1/6W 1/6W				NSISTOR			
R630	1-247-815-00	CARBON	220	5%	1/6W		Q609	8-729-245-83	TRANSISTOR	2SC2458		
R631 R632	1-213-163-00 1-247-807-00	METAL OXIDE CARBON	47K 100	5% 5%	1W 1/8W	F F		RES	ISTOR			
KR640 KR640 KR640	1-215-456-00 1-215-457-00 1-215-458-00	METAL METAL METAL	30K 33K 36K	1% 1% 1%	1/6W 1/6W 1/6W		R655 R656 R657 R658	1-214-597-00 1-247-725-11 1-247-807-00 1-247-883-00	METAL OXIDE CARBON CARBON CARBON	100K 5% 10K 5% 100 5% 150K 5%	2W 1/4W 1/6W 1/6W	F
€R640 €R640	1-215-459-00 1-215-460-00	METAL METAL	39K 43K	1% 1%	1/6W 1/6W		*****	*****	*****	*****	*****	*****
₹R640 ₹R640 ₹R640	1-215-461-00 1-215-462-00 1-215-463-00	METAL METAL METAL	47K 51K 56K	1% 1% 1%	1/6W 1/6W 1/6W			*A-1275-057-A	Q BOARD, CO			
R643 R644		METAL OXIDE FUSIBLE	0.22	5% 10% 5%	1W 1/2W	F F		1-536-843-11 *4-603-275-00		ARD, INPUT/OU	TPUT(B)	
R645 R646	1-212-356-11	METAL OXIDE	0.47 0.47 0.22	5% 5%	1W 1W 1W	r F		CAP	ACITOR			
R647 R648 R649 R650 R660 R670	1-212-352-00 1-202-841-00 1-202-433-35 1-247-831-00 1-247-692-11 1-247-815-00	METAL OXIDE SOLID SOLID CARBON CARBON CARBON	180K 120K 1K 22 220	10% 5% 5% 5%	1/2W 1/4W 1/6W 1/4W 1/6W		C401 C402 C403 C405 C407	1-106-172-00 1-123-329-51 1-102-949-00 1-123-380-00 1-123-329-51	MYLAR ELECT CERAMIC ELECT ELECT	0.001MF 10MF 12PF 1MF 10MF	10% 20% 5% 20% 20%	100V 25V 50V 50V 25V
R671	1-247-831-00		1K	5%	1/6W		C408	1-102-949-00 1-123-380-00	CERAMIC ELECT	12PF 1MF	5% 20%	50V 50V
11071		IABLE RESISTO		-,-	_,		C412	1-123-329-51 1-102-949-00	ELECT CERAMIC	10MF 12PF	20% 5%	25 V 50 V
RV601	1-224-249-XX		_	17E 1K			C415	1-123-380-00	ELECT	1MF	20%	50 V
		NSFORMER	,,,,				C417	1-123-332-00 1-106-212-00	ELECT MYLAR	47MF 0.047MF	20% 10%	25V 100V
T601 <u>A</u> T602 <u>A</u>	1-421-352-11 1-421-352-11 1-421-691-11	TRANSFORMER	FERRIT	TE:			C420 C422 C423	1-123-380-00 1-106-212-00 1-123-380-00		1MF 0.047MF 1MF	20% 10% 20%	50V 100V 50V
T603 A T604 A	1-421-691-11 1-421-678-11	SRT TRANSFORMER,	PULS	Ý.			C424	1-123-323-00 1-123-234-00		470MF 10MF	20% 20%	16V 50V
	THE	RMISTOR					C428	1-123-234-00 1-123-234-00	ELECT	10MF 10MF	20% 20%	50V 50V
	.1-800-820-12 1.1-800-665-11						C432	1-123-332-00		47MF	20%	257
	2 1-806-449-11			Æ)			C433	1-123-329-51 1-102-820-00 1-123-332-00	CERAMIC	10MF 330PF 47MF	20 % 5 % 20 %	25 V 50 V 25 V

* : selected to yield optimum performance.

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Ref.No	. Part No.	Description			Remark	Ref.No.	Part No.	Description	Remark
C437 C438 C441 C443 C444	1-123-234-00 1-123-369-00 1-101-006-21 1-106-212-00 1-106-196-00	ELECT ELECT CERAMIC MYLAR MYLAR	10MF 4.7MF 0.047MF 0.047MF 0.01MF	20% 20% 10% 10%	50V 25V 50V 100V 100V	D416 D418 D419 D420 D422	8-719-911-19 8-719-100-37 8-719-100-37 8-719-911-19 8-719-100-37	DIODE RD6.2E-B1 DIODE RD6.2E-B1 DIODE 1SS119	
C446 C447 C448 C452 C453	1-123-379-00 1-123-379-00 1-123-379-00 1-123-382-00 1-123-228-00	ELECT ELECT ELECT ELECT ELECT	0.47MF 0.47MF 0.47MF 3.3MF 1MF	20% 20% 20% 20% 20%	50V 50V 50V 50V 50V	D423 D424 D425 D426 D427	8-719-100-37	DIODE RD4.3E-B1 DIODE 1SS119 DIODE RD6.2E-B1 DIODE RD6.2E-B1 DIODE RD6.2E-B1	
C455 C457 C459 C461 C463	1-101-006-21 1-102-820-00 1-102-820-00 1-102-820-00 1-123-329-51	CERAMIC CERAMIC CERAMIC CERAMIC ELECT	0.047MF 330PF 330PF 330PF 10MF	5% 5% 5% 20%	50V 50V 50V 50V 25V	D428 D435 D436 D437	8-719-100-37 8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS119	
C464	1-123-332-00	ELECT	47MF	20%	25V		FUS	<u>E</u>	
C466 C467 C468 C469	1-123-332-00 1-101-006-21 1-101-006-21 1-106-196-00	ELECT	47MF 0.047MF 0.047MF 0.01MF	20%	25V 50V 50V 100V	1	1-533-087-00 .1-532-279-11	FUSE, TIME-LAG 1A/125V HOLDER, FUSE; F402 FUSE, TIME-LAG 0.5A/125V HOLDER, FUSE; F404	
C489	1-123-332-00	ELECT	47MF	20%	25V		<u>IC</u>		
C490 C491	1-123-332-00 1-123-332-00	ELECT	47MF 47MF	20% 20%	25V 25V	10401	8-752-201-90	IC CX22019	
C492	1-123-332-00	ELECT	47MF	20%	25V	IC402	8-759-900-09	IC SN74LSO9N	
C493	1-101-361-00	CERAMIC	150PF	5%	50V		8-759-901-36	IC SN74LS136N IC SN74LS08N	
C494 C495	1-106-196-00	MYLAR . CERAMIC	0.01MF 0.047MF	10%	100V 50V	IC 405	8-759-900-08	IC SN74LSO8N	
C497	1-123-329-51		10MF	20%	25V		8-759-900-04		
	CON	NECTOR					8-759-900-00 8-759-900-20		
CN 407			'n					IC SN74LS138N	
Q1 Q2 Q3	1-562-243-00 *1-560-124-00 *1-560-124-00 *1-560-224-00	PLUG, CONNEC PLUG, CONNEC PLUG, CONNEC PLUG, CONNEC	TOR (2.5MM) TOR (2.5MM)	4P		Ì	8-759-171-05 8-759-700-06		
04	*1-560-125-00		TOR (2.5MM)			İ	<u>C01</u>	<u>L</u> .	
Q5 Q7	*1-560-126-00 *1-560-128-00	PLUG, CONNEC PLUG, CONNEC	CTOR (2.5MM) CTOR (2.5MM F	6P PITCH)		L401 L402 L403	1-408-408-00 1-408-408-00	MICRO INDUCTOR 8.2UH MICRO INDUCTOR 8.2UH MICRO INDUCTOR 8.2UH	
	DIC					L407 	1-408-163-00	MICRO INDUCTOR 5.6MMH	
D401 D402	8-719-911-19 8-719-911-19	DIODE 1SS119					TRA	NSISTOR	
D403	8-719-911-19	DIODE 1SS119	9			Q401		TRANSISTOR 2SA1048GR	
D404 D405	8-719-100-37 8-719-100-37	DIODE RD6.28				Q402 Q403	8-729-245-83 8-729-204-83	TRANSISTOR 2SC2458 TRANSISTOR 2SA1048GR	
D406	8-719-100-37	DIODE RD6.28				Q404 Q405	8-729-245-83 8-729-204-83	TRANSISTOR 2SC2458 TRANSISTOR 2SA1048GR	
D407	8-719-100-37	DIODE RD6.28	-B1						
D408 D409	8-719-911-19 8-719-911-19	DIODE 1SS119				Q406 Q407	8-729-245-83 8-729-204-83	TRANSISTOR 2SC2458 TRANSISTOR 2SA1048GR	
D410	8-719-911-19	DIODE 188119				Q408 Q409	8-729-204-83 8-729-245-83	TRANSISTOR 2SA1048GR TRANSISTOR 2SC2458	
0411	8-719-911-19	DIODE 1SS119				Q409	8-729-204-83	TRANSISTOR 2SA1048GR	
D412 D414	8-719-911-19 8-719-911-19	DIODE 1SS119				 Q411	8-729-245-83	TRANSISTOR 2SC2458	
D415	8-719-911-19	DIODE 1SS119				Q412	8-729-245-83	TRANSISTOR 2SC2458	

The components identified by shading and mark A are critical for safety. Replace only with part number specified.



Ref.No. Pa	art No.	Description	1			Part No.	Description				Remark
Q414 8- Q415 8- Q416 8-	-729-245-83 -729-204-83 -729-245-83 -729-245-83 -729-245-83	TRANSISTOR TRANSISTOR TRANSISTOR	2SC 2458 2SA 1048GR 2SC 2458 2SC 2458 2SC 2458		R368 R369 R370 R371 R372	1-249-429-11 1-247-815-00 1-247-815-00 1-247-843-00 1-247-143-00	CARBON CARBON	10K 220 220 3.3K 3.3K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/4W	
Q419 8 Q420 8 Q421 8	-729-204-83 -729-245-83 -729-245-83 -729-245-83 -729-245-83	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	2SA1048GR 2SC 2458 2SC 2458 2SC 2458 2SC 2458		R373 R374 R377 R377 R378	1-246-537-00 1-249-437-11 1-247-845-00 1-249-429-11 1-247-127-00	CARBON CARBON	470K 47K 3.9K 10K 680	5% 5% 5% 5% 5%	1/4W 1/6W 1/6W 1/6W 1/4W	
Q424 8 Q425 8 Q426 8	2-729-245-83 3-729-204-83 3-729-245-83 3-729-245-83 3-729-245-83	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	2SC 2458 2SA 1048GR 2SC 2458 2SC 2458 2SC 2458		R401 R402 R403 R404 R405	1-247-104-00 1-247-713-11 1-247-878-00 1-247-833-00 1-249-434-11	CARBON CARBON	75 1K 91K 1.2K 27K	5% 5% 5% 5%	1/4W 1/4W 1/6W 1/6W 1/6W	
	3-729-204-83	TRANSISTOR	2SA1048GR		R406	1-247-853-00 1-247-829-00 1-247-104-00 1-247-713-11 1-247-878-00	CARBON CARBON CARBON	8.2K 820 75 1K 91K	5% 5% 5% 5% 5%	1/6W 1/6W 1/4W 1/4W 1/6W	
Q442 8 Q443 8 Q444 8 Q445 8 Q446 8	8-729-245-83 8-729-204-83 8-729-204-83 8-729-245-83 8-729-245-83 8-729-245-83 8-729-204-83 8-729-204-83 8-729-204-83 8-729-204-83 8-729-204-83 8-729-245-83 8-729-245-83 8-729-245-83 8-729-245-83 8-729-245-83 8-729-245-83 8-729-245-83 8-729-245-83 8-729-245-83 8-729-245-83 8-729-245-83	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	2SC 2458 2SC 2458 2SC 2458 2SA 1048GR 2SA 1048GR		R411 R412 R413 R414 R415	1-247-833-00 1-249-434-11 1-247-853-00 1-247-829-00 1-247-104-00	CARBON CARBON CARBON	1.2K 27K 8.2K 820 75	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/4W	
Q447 8 Q448 8 Q449 8 Q450 8 Q451 8	8-729-245-83 8-729-204-83 8-729-245-83 8-729-204-83 8-729-245-83	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	2SC 2458 2SA1048GR 2SC 2458 2SA1048GR 2SC 2458		R416 R417 R418 R419 R420	1-247-713-11 1-247-878-00 1-247-833-00 1-249-434-11 1-247-853-00	CARBON CARBON CARBON	1K 91K 1.2K 27K 8.2K	5% 5% 5% 5%	1/4W 1/6W 1/6W 1/6W 1/6W	
Q452 8 Q453 8 Q454 8 Q455 8	8-729-204-83 8-729-245-83 8-729-204-83 8-729-245-83 8-729-245-83	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	2SA1048GF 2SC 2458 2SA1048GF 2SC 2458 2SC 2458	R.	R421 R422 R423 R424 R425	1-247-829-00 1-247-173-00 1-247-885-00 1-247-877-00 1-249-437-11	CARBON CARBON CARBON	820 56K 180K 82K 47K	5% 5% 5% 5% 5%	1/6W 1/4W 1/6W 1/6W 1/6W	
Q457	8-729-204-83	TRANSISTOR	2SA1048GF	2	R426	1-247-851-00 1-247-847-00		6.8K 4.7K	5% 5%	1/6W 1/6W	
	RES	SISTOR			R428 R429	1-247-173-00 1-247-885-00	CARBON CARBON	56K 180K	5% 5%	1/4W 1/6W	
R352 R353 R354	1-249-429-11 1-247-815-00 1-249-429-11 1-247-815-00 1-247-807-00	CARBON CARBON CARBON	10K 220 10K 220 100	5% 1/6W 5% 1/6W 5% 1/6W 5% 1/6W 5% 1/6W	R430 R431 R432 R433 R434	1-247-877-00 1-249-437-11 1-247-851-00 1-247-847-00 1-247-807-00	CARBON CARBON CARBON	82K 47K 6.8K 4.7K 100	5% 5%	1/6W 1/6W 1/6W 1/6W	
R357 R358 R359	1-247-127-00 1-247-127-00 1-247-827-00 1-247-827-00 1-247-127-00	CARBON CARBON CARBON	680 680 680 680 680	5% 1/4W 5% 1/4W 5% 1/6W 5% 1/6W 5% 1/4W	R435 R436 R437 R438 R439	1-247-879-00 1-247-698-11 1-247-713-11 1-249-421-11 1-247-725-11	CARBON CARBON CARBON CARBON CARBON	100K 68 1K 2.2K 10K	5% 5% 5% 5%	1/6W 1/4W 1/4W 1/6W 1/4W	
R364 R365 R366	1-247-127-00 1-247-827-00 1-247-127-00 1-247-704-11 1-247-704-11	CARBON CARBON CARBON	680 680 680 220 220	5% 1/4W 5% 1/6W 5% 1/4W 5% 1/4W 5% 1/4W	R440 R442 R443 R444	1-247-878-00 1-249-434-11 1-247-853-00 1-247-698-11	CARBON CARBON	91K 27K 8.2K 68	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/4W	

PVM-1371QM



Ref.No.	Part No.	Description				Remark	Ref.No.	Part No.	Description				Remark
R445 R446 R447 R448 R450	1-247-713-11 1-249-421-11 1-247-725-11 1-247-878-00 1-249-434-11	CARBON CARBON CARBON CARBON CARBON	1K 2.2K 10K 91K 27K	5% 5% 5% 5% 5%	1/4W 1/6W 1/4W 1/6W 1/6W		R663 R664 R665 R666 R1401	1-247-703-11 1-247-821-00 1-247-821-00 1-247-821-00 1-249-421-11	CARBON CARBON CARBON CARBON CARBON	180 390 390 390 2.2K	5% 5% 5% 5% 5%	1/4W 1/6W 1/6W 1/6W 1/6W	
R451 R452 R453 R454 R455	1-247-853-00 1-247-698-11 1-247-713-11 1-249-421-11 1-247-725-11	CARBON CARBON CARBON CARBON CARBON	8.2K 68 1K 2.2K 10K	5% 5% 5% 5% 5%	1/6W 1/4W 1/4W 1/6W 1/4W		R1403 R1404 R1405	1-247-831-00 1-247-861-00 1-247-845-00 1-249-429-11 1-247-843-00	CARBON CARBON CARBON CARBON CARBON	1K 18K 3.9K 10K 3.3K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R456 R458 R459 R460 R461	1-247-878-00 1-249-434-11 1-247-853-00 1-247-700-11 1-249-421-11	CARBON CARBON CARBON CARBON CARBON	91K 27K 8.2K 100 2.2K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/4W 1/6W		R1413 R1414 R1415 R1417 R1419	1-247-145-00 1-247-708-11 1-247-149-00 1-247-823-00 1-249-419-11	CARBON CARBON CARBON CARBON CARBON	3.9K 470 5.6K 470 1.5K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/6W 1/6W	
R462 R463 R465 R466 R467	1-247-831-00 1-247-845-00 1-249-419-11 1-247-819-00 1-247-829-00	CARBON CARBON CARBON CARBON CARBON	1K 3.9K 1.5K 330 820	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R1421 R1423 R1432	1-247-847-00 1-247-831-00 1-247-827-00 1-249-429-11 1-247-843-00	CARBON CARBON CARBON CARBON CARBON	4.7K 1K 680 10K 3.3K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R468 R469 R470 R471 R472	1-249-419-11 1-247-819-00 1-247-829-00 1-249-419-11 1-247-819-00	CARBON CARBON CARBON CARBON CARBON	1.5K 330 820 1.5K 330	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R1434 R1435 R1436 R1437 R1438	1-247-848-00 1-247-833-00 1-247-869-00 1-249-429-11 1-247-849-00	CARBON CARBON CARBON CARBON CARBON	5.1K 1.2K 39K 10K 5.6K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R473 R474 R475 R476 R477	1-247-829-00 1-247-847-00 1-247-853-00 1-247-831-00 1-247-847-00	CARBON CARBON CARBON CARBON CARBON	820 4.7K 8.2K 1K 4.7K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R1443	1-247-847-00 1-247-863-00 1-247-901-00 1-247-901-00 1-247-901-00	CARBON CARBON CARBON CARBON CARBON	4.7K 22K 820K 820K 820K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R478 R479 R480 R481 R482	1-247-847-00 1-247-847-00 1-247-698-11 1-247-717-11 1-249-421-11	CARBON CARBON CARBON CARBON CARBON	4.7K 4.7K 68 2.2K 2.2K	5% 5% 5% 5% 5%	1/6W 1/6W 1/4W 1/4W 1/6W		R1447 R1448	1-247-867-00 1-247-867-00 1-246-527-00 1-247-849-00 1-249-421-11	CARBON CARBON CARBON CARBON CARBON	33K 33K 180K 5.6K 2.2K	5% 5% 5% 5%	1/6W 1/6W 1/4W 1/6W 1/6W	
R 483 R 484 R 485 R 486 R 487	1-247-807-00 1-249-429-11 1-247-878-00 1-249-434-11 1-247-853-00	CARBON CARBON CARBON CARBON CARBON	100 10K 91K 27K 8.2K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R1452 R1453 R1454	1-247-831-00 1-247-843-00 1-247-831-00 1-247-843-00 1-249-421-11	CARBON CARBON CARBON CARBON CARBON	1K 3.3K 1K 3.3K 2.2K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R488 R489 R490 R491 R492	1-247-704-11 1-247-721-11 1-249-419-11 1-249-421-11 1-247-829-00	CARBON CARBON CARBON CARBON CARBON	220 4.7K 1.5K 2.2K 820	5% 5% 5% 5% 5%	1/4W 1/4W 1/6W 1/6W 1/6W		R1459	1-247-823-00 1-249-421-11 1-247-799-00 1-247-825-00 1-247-791-00	CARBON CARBON CARBON CARBON CARBON	470 2.2K 47 560 22	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R493 R494 R495 R496 R497	1-247-819-00 1-247-847-00 1-247-863-00 1-249-437-11 1-249-429-11	CARBON CARBON CARBON CARBON CARBON	330 4.7K 22K 47K 10K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R1462 R1463 R1464	1-249-421-11 1-247-823-00 1-249-421-11 1-247-799-00 1-247-825-00	CARBON CARBON CARBON CARBON CARBON	2.2K 470 2.2K 47 560	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R499 R661 R662	1-247-819-00 1-247-703-11 1-247-703-11	CARBON CARBON CARBON	330 180 180	5% 5% 5%	1/6W 1/4W 1/4W		R1467	1-247-791-00 1-249-421-11 1-247-823-00	CARBON CARBON CARBON	22 2.2K 470	5% 5% 5%	1/6W 1/6W 1/6W	



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Ref.No. Part No	<u>.</u>	Descripti	on			Remark	Ref.No.	Part No.	Description				Remark
R1469 1-249-4 R1470 1-247-7		CARBON CARBON	2.2K 47	5%· 5%	1/6W 1/6W		C 708	1-124-039-51 1-121-759-00	ELECT ELECT	10MF 4.7MF		20%	16V 250V
R1471 1-247-8	325-00	CARBON	560	5%	1/6W		C710	1-108-433-00	MYLAR	0.1MF	_	10%	200V
R1472 1-247-7 R1473 1-247-8		CARBON CARBON	22 8.2K	5% 5%	1/6W 1/6W		C711	1-102-038-00 1-129-737-00	CERAMIC FILM	0.001MI 0.047MI		20%	500V 630V
							C713	1-123-356-00	ELECT	10MF		20%	50V
R1474 1-247-8 R1475 1-249-4		CARBON CARBON	6.8K 10K	5% 5%	1/6W 1/6W		C714	1-102-249-00	CERAMIC	680PF		20%	2K V
R1476 1-247-8 R1477 1-247-8		CARBON	220 220	5% 5%	1/6W 1/6W		C715 C716	1-102-219-00	CERAMIC CERAMIC	680PF 0.001M	F	20% 10%	1KV 2KV
R1478 1-247-8		CARBON	220	5%	1/6W			DIO					
R1479 1-247-8		CARBON	4.7K	5%	1/6W								
R1480 1-247-8 R1481 1-247-8		CARBON CARBON	4.7K 1K	5% 5%	1/6W 1/6W		D701 D702	8-719-300-76 8-719-300-76					
R1482 1-249-4	429-11	CARBON	10K	5%	1/6W		D703	8-719-300-76					
R1483 1-249-4	429-11	CARBON	10K	5%	1/6W			COI	<u>L</u>				
R1484 1-247- R1485 1-247-		CARBON CARBON	10K 220	5% 5%	1/4W 1/4W		 L701	1-407-701-00	MICRO INDUCT	OR 47UH			
R1486 1-247-	725-11	CARBON	10K	5%	1/4W		L702	1-407-701-00	MICRO INDUCT	OR 47UH			
R1487 1-247- R1488 1-247-		CARBON CARBON	220 10K	5% 5%	1/4W 1/4W		L704		MICRO INDUCT				
R1489 1-247-	704-11	CARBON	220	5%	1/4W			TRA	NSISTOR				
R1490 1-247-	725-11	CARBON	10K	5% 5%	1/4W		i 0701	8-729-245-83		SC 2458			
R1492 1-247-	704-11	CARBON	220	36	1/4W		Q702	8-729-168-82	TRANSISTOR 2	SC 2688			
	VAR	IABLE RESI	STOR				Q703	4-370-970-01 8-729-245-83	SPACER, TR; TRANSISTOR 2				
RV401 1-226- RV402 1-226-		RES, ADJ,	CARBON 47 CARBON 22	7K			Q704	8-729-168-82	TRANSISTOR 2	SC 2688			
RV402 1-226- RV403 1-226-		RES, ADJ,	CARBON 22	2K				4-370-970-01	SPACER, TR;				
RV404 1-226- RV405 1-226-			CARBON 22				Q705 Q706	8-729-245-83 8-729-168-82	TRANSISTOR 2				
								4-370-970-01	SPACER, TR;	Q70 6			
		TCH						RES	SISTOR				
	725-00 725-00	SWITCH, S SWITCH, S					R701	1-249-421-11	CARBON	2.2K	5%	1/6W	
S403 1-553-	725-00	SWITCH, S	LIDE				R702	1-247-823-00	CARBON CARBON	470 470	5% 5%	1/6W 1/6W	
******	*****	*****	*****	*****	*****	*****	R704	1-247-793-00	CARBON	27	5% 5%	1/6W 3W	F
*A -1330	-541-A	C1 BOARD,	COMPLETE				R705 	1-206-743-00	METAL OXIDE	5.6K			
		*****	******				1 R706 1 R708	1-247-813-00 1-247-838-00	CARBON CARBON	180 2K	5% 5%	1/6W 1/6W	
1-526-	645-00	SOCKET, C	RT				R709	1-249-421-11	CARBON	2.2K 470	5% 5%	1/6W 1/6W	
	CO	NECTOR					R710 R711	1-247-823-00	CARBON CARBON	470	5%	1/6W	
C1 *1-508-	765-00	3P PLUG	(M)				 R712	1-247-793-00	CARBON	27	5%	1/6W	
C2 *1-508-	786-00	2P PLUG	(M)				R713	1-206-743-00 1-247-813-00	METAL OXIDE CARBON		5% 5%	3W 1/6W	F
	CAI	PACITOR					R714	1-247-838-00	CARBON	2K	5%	1/6W	
C701 1-123-	— 329-51-	ELECT	10MF		20%	25V	R717	1-249-421-11	CARBON	2.2K	5%	1/6W	
C703 1-102-	-116-00	CERAMIC	680PF		10%	50V	R718	1-247-823-00	CARBON	470	5% 5%	1/6W	
	-039-51 -115-00	ELECT CERAMIC	10MF 560PF		20% 10%	16V 50V	R719 R720	1-247-823-00	CARBON CARBON	470 27	5% 5%	1/6W 1/6W	
	-039-51	ELECT	10MF		20%	16V	R721 R722	1-206-743-00 1-247-813-00	METAL OXIDÉ CARBON	5.6K 180	5% 5%	3W 1/6W	F
C707 1-102-	-116-00	CERAMIC	680PF		10%	50V	1	2 217 -010 00	3.1100/1	-00	- /-	_,	

PVM-1371QM

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Ref.No. Part No.	Description			Remark	Ref.No.	Part No.	Description			Remark
R723 1-247-779-00 R724 1-247-838-00 R725 1-247-694-11 R726 1-244-925-00 R727 1-202-824-00	CARBON 6.8 CARBON 2K CARBON 33 CARBON 150 SOLID 3.3	5% 5% K 5%	1/6W 1/6W 1/4W 1/2W 1/2W		C504 C505 C506 C507 C508	1-106-208-00 1-123-380-00 1-108-587-00 1-123-380-00 1-136-173-00	ELECT MYLAR	0.033MF 1MF 0.022MF 1MF 0.47MF	10% 20% 5% 20% 5%	100V 50V 50V 50V
R728 1-202-824-00 R729 1-202-824-00 R730 1-202-815-51 R731 1-202-719-00 R732 1-202-722-00	SOLID 3.3 SOLID 3.3 SOLID 47K SOLID 1M SOLID 1.8	K 10%	1/2W 1/2W 1/2W 1/2W 1/2W		C509 C511 C512 C513 C514	1-123-380-00 1-123-329-51 1-123-380-00 1-108-587-00 1-108-595-00	ELECT ELECT	1MF 10MF 1MF 0.022MF 0.047MF	20% 20% 20% 5% 5%	50 V 25 V 50 V 50 V
R733 1-202-719-00 R734 1-202-824-00 R735 1-202-720-00 R736 1-202-834-00 R737 1-202-549-00	SOLID 1M SOLID 3.3 SOLID 1.2 SOLID 27K SOLID 100	M 10%	1/2W 1/2W 1/2W 1/2W 1/2W		C515 C516 C517 C518 C519	1-124-514-51 1-102-228-00 1-106-204-00 1-123-329-51 1-123-228-00	CERAMIC MYLAR ELECT	100MF 470PF 0.022MF 10MF 1MF	20% 10% 10% 20% 20%	50V 500V 100V 25V 50V
R738 1-202-842-51	SOLID 220	K	1/2W		C520 C521	1-123-330-00 1-123-336-00	ELECT ELECT	22MF 470MF	20% 20%	25V 25V
VAR	RIABLE RESISTOR				C522 C523	1-123-330-00 1-123-330-00	ELECT ELECT	22MF 22MF	20% 20%	16V 16V
RV701 1-228-719-00 RV702 1-228-723-00 RV703 1-228-719-00 RV704 1-228-723-00 RV705 1-228-719-00	RES, ADJ, CERAMIC RES, ADJ, CERAMIC RES, ADJ, CERAMIC RES, ADJ, CERAMIC RES, ADJ, CERAMIC	CARBON CARBON CARBON	4.7K 470 4.7K	•	C524 C525 C526 C527	1-108-583-00 1-131-356-00 1-123-323-00	TANTALUM ELECT	1MF 0.015MF 3.3MF 470MF	20% 5% 10% 20%	50V 50V 25V 16V
RV706 1-228-723-00 RV707 1-228-719-00	RES, ADJ, CERAMIC RES, ADJ, CERAMIC				C528 C529	1-123-382-00 1-123-228-00	ELECT ELECT	3.3MF 1MF	20% 20%	50V 50V
RV708 1-228-723-00 RV709 1-228-719-00 RV710 1-228-723-00	RES, ADJ, CERAMIC RES, ADJ, CERAMIC RES, ADJ, CERAMIC	CARBON	4.7K 470		C530 C531 C532 C533	1-108-579-00 1-108-595-00 1-123-380-00 1-123-356-00		0.01MF 0.047MF 1MF 10MF	5% 5% 20% 20%	50V 50V 50V 16V
RV711 1-228-719-00 RV712 1-228-723-00 RV713 1-226-114-00		CARBON LAZE 2.2	4.7K		C534 C535	1-106-172-00 1-123-333-00	MYLAR ELECT	0.001MF 100MF	5% 20%	50V 25V
RV714 1-226-063-00			la da da da da da da da da da da da da da		C536	1-123-336-00 1-123-381-00		470MF - 2.2MF	20% 20%	25V 50V 50V
***************************************			******		C751	1-102-529-00 1-123-380-00	CERAMIC ELECT	100PF 1MF	5% 20%	50V 50V
	*****				C752	1-124-043-51 1-124-038-00	ELECT	2.2MF 1MF	20% 20%	50V 50V 50V
	NNECTOR PLUG, CONNECTOR (2.5MM) 9	9P		C755 C756 C757	1-108-603-00 1-124-038-00 1-162-117-00	MYLAR ELECT CERAMIC	0.1MF 1MF 100PF	5% 20% 10%	50V 500V
	PLUG, CONNECTOR (2.5MM) 9	9P		 C758	1-108-824-00		0.47MF	5%	50V
	ITCH SUITS				C759 C760	1-123-329-51	ELECT ELECT	10MF 47MF	20% 20%	25V 25V
\$701 1-554-974-11	SWITCH, SLIDE				C761 C762	1-123-382-00 1-123-330-00		3.3MF 22MF	20 % 20 %	50V 25V
	D BOARD, COMPLETE				C764 C766 C767 C768	1-123-334-00 1-123-380-00 1-123-380-00 1-106-220-00	ELECT ELECT	220MF 1MF 1MF 0.1MF	20% 20% 20% 10%	25V 50V 50V 100V
3-701-833-01	HEAD, WASHER, TAF	PING SCF	REW		C769	1-124-126-00		47MF	20%	25 V
CA	PACITOR				C801 C802	1-136-173-00 1-123-381-00		0.47MF 2.2MF	5 % 20%	50V 50V
C503 1-102-121-00	CERAMIC 0.00	22MF	10%	50 V	C803	1-101-888-00		68PF	5%	50V



Ref.No. Part No.	Description			Remark	Ref.No	. Part No.	Description			Remark
C804 (1-123-380-00 C805 1-102-531-00 C806 1-106-172-00 C807 (1-102-531-00 C808 1-123-369-00	CERAMIC MYLAR	1MF 150PF 0.001MF 150PF 4.7MF	20% 5% 5% 5% 20%	50V 50V 50V 50V 25V	C866 C868 C870 C871 C872	1-101-361-00 1-123-356-00 1-123-332-00 1-123-380-00 1-106-196-00	CERAMIC ELECT ELECT ELECT MYLAR	150PF 10MF 47MF 1MF 0.01MF	5% 20% 20% 20% 10%	50V 16V 25V 50V 100V
C810 1-106-188-00 C811 1-106-196-00 C813 1-106-204-00 C814 1-106-180-00 C815 1-129-794-00	MYLAR MYLAR MYLAR	0.0047MF 0.01MF 0.022MF 0.0022MF 0.0033MF	5% 10% 10% 10% 5%	50V 100V 100V 100V 100V	C873 C874 C876 C877 C877	1-123-323-00 1-106-196-00 1-102-530-00 1-102-531-00 1-102-531-00	ELECT MYLAR CERAMIC CERAMIC CERAMIC	470MF 0.01MF 120PF 150PF 150PF	20% 10% 5% 5% 5%	16V 100V 50V 50V 50V
C816 1-123-381-00 C817 1-123-381-00 C818 1-123-330-00 C819 1-123-330-00 C821 1-123-381-00	ELECT ELECT ELECT	2.2MF 2.2MF 22MF 22MF 2.2MF	20% 20% 20% 20% 20%	50V 50V 25V 25V 50V	C880 C881 C883 C884 C885	1-102-525-00 1-102-820-00 1-108-818-11 1-123-329-51 1-108-599-00	ELECT	68PF 330PF 0.15MF 10MF 0.068MF	5% 5% 5% 20% 5%	50V 50V 50V 25V 50V
C822 1-123-380-00 C823 1-123-356-00 C824 1-123-356-00 C825 1-123-322-00 C827 1-123-379-00	ELECT ELECT ELECT	1MF 10MF 10MF 330MF 0.47MF	20% 20% 20% 20% 20%	50V 16V 50V 16V 50V	C886 C888 C889	1-106-180-00 1-123-323-00 1-108-818-11	ELECT	0.0022MF 470MF 0.15MF	5% 20% 5%	50V 16V 50V
C828 1-102-820-00 C829 1-106-385-00 C830 1-102-030-00 C832 1-161-961-11 C833 1-108-431-00	CERAMIC MYLAR CERAMIC CERAMIC	330PF 0.056MF 330PF 0.0022MF 0.068MF	5% 10% 10% 10%	50V 200V 500V 3KV 200V	D1 D2 D3 D4 D5	*1-560-126-00 *1-560-128-00 *1-560-125-00 *1-508-765-00 *1-508-765-00	PLUG, CONNEC PLUG, CONNEC PLUG, CONNEC 3P PLUG (M)	TOR (2.5MM	PITCH)	
C834	FILM FILM MYLAR	0.002MF 0.01MF 2.4MF 0.1MF 1.4MF	3% 3% 5% 10% 5%	2KV 2KV 200V 200V 200V	D6 D7 D8 D9 D10	*1-564-038-00 *1-508-766-00 *1-560-290-00 *1-560-124-00 *1-560-123-00	4P PLUG (M) PLUG, CONNEC PLUG, CONNEC	TOR (2.5MM TOR (2.5MM)	PITCH) 4P	
C839 1-130-566-00 C840 1-136-123-00 C841 1-123-267-00 C842 1-106-186-00 C843 1-123-380-00		2.2MF 0.51MF 2.2MF 0.0039MF 1MF	10% 5% 20% 10% 20%	250V 400V 160V 100V 50V	D11 D12	*1-560-123-00 *1-560-123-00	PLUG, CONNEC	TOR (2.5MM)		
C844 1-123-322-00 C846 1-123-347-00 C849 1-108-603-00 C850 1-129-706-00 C851 1-106-367-00	ELECT MYLAR FILM	330MF 330MF 0.1MF 0.0022MF 0.01MF	20% 20% 5% 10%	16V 35V 50V 630V 200V	D501 D502 D504 D505 D506	8-719-100-23 8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-55	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE UO5G			
C852 1-123-337-00 C853 1-102-212-00 C854 1-121-999-00 C855 1-123-024-00 C856 1-108-429-00	CERAMIC ELECT ELECT	1000MF 820PF 10MF 33MF 0.047MF	20% 10%	25V 500V 160V 160V 200V	D507 D509 D751 D752 D753	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119			
C857 1-102-223-00 C858 1-102-971-00 C859 1-123-369-00 C860 1-123-332-00 C861 1-136-065-11	CERAMIC ELECT	0.0047MF 82PF 4.7MF 47MF 0.0027MF	10% 5% 20% 20%	2KV 50V 50V 25V 2KV	D754 D801 D802 D803 D804	8-719-911-19 8-719-911-55 8-719-911-19 8-719-100-30 8-719-100-80	DIODE U05G DIODE 1SS119 DIODE RD5.1E DIODE RD20E-	-B2		
C862 A. 1-136-066-11 C863 A. 1-136-064-11 C865 1-106-367-00	FILM	0.003MF 0.002MF 0.01MF	3% 3% 10%	2KV 2KV 200V	D805 D806 D807 D808	8-719-305-15 8-719-928-08 8-719-901-93 8-719-901-93	DIODE GH3F DIODE ERD28- DIODE V19E DIODE V19E	08		

The components identified by shading and mark A are critical for safety. Replace only with part number specified.



Ref.No. Part No.	Description	Remark	Ref.No.	Part No.	Description			Remark
D809 8-719-300-76 D810 8-719-903-09 D811 8-719-911-19 D812 8-719-300-76 D813 8-719-300-76	DIODE RHIA DIODE V3ON DIODE 1SS119 DIODE RHIA DIODE RHIA		Q754 Q755 Q755 Q756	8-729-304-92 *4-329-153-00 8-729-177-43	HEAT SINK, V C TRANSISTOR 2SE HEAT SINK, V C TRANSISTOR 2SC TRANSISTOR 2SC	3649A DUT; Q75 D774		
D814 8-719-911-19 D815 8-719-911-19 D816 8-719-911-19 D817 8-719-100-64 D818 8-719-911-55	DIODE RHIA DIODE V3ON DIODE 1SS119 DIODE RHIA DIODE RHIA DIODE ISS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE RHIA DIODE RHIA		Q757 Q758 Q760 Q801 Q802	8-729-374-02 8-729-245-83	TRANSISTOR 2SC TRANSISTOR 2SC TRANSISTOR 2SC TRANSISTOR 2SC TRANSISTOR 2SA	3740 22458		
<u>IC</u>			Q803	8-729-245-83	TRANSISTOR 250	2458		
IC501 8-759-100-60 IC502 8-759-979-16 IC503 8-759-113-78 IC504 8-759-145-58	IC UPC1377C IC CX7916 IC UPC1378H-L IC UPC4558C		Q804 Q805 	8-729-168-82 8-729-800-87 *4-363-404-00 4-363-414-00	TRANSISTOR 250 TRANSISTOR 250 HOLDER, IC; QE SPACER, MICA;	2688 01398 305 Q805		
IC801 8-759-345-38	IC HD14538BP		Q806 0807	8-729-313-82	TRANSISTOR 25L	1138 1124ES		
IC802 8-759-240-11 IC803 8-759-145-58 IC804 8-759-905-39 IC805 8-759-700-06	IC TC4011BP IC UPC4558C IC TDA1082 IC UPC7812H		0808 0810 0811	8-729-900-36 8-729-900-36 8-729-204-83	TRANSISTOR DTC TRANSISTOR DTC TRANSISTOR 25A	124ES 124ES 1048GR		
*4-323-833-00	HEAT SINK, PIN OUT; 10805		1 0812 1 0813	8-729-245-83 8-729-900-36	TRANSISTOR DTO	2458 2124ES		
COI	<u>L</u>		0816	8-729-245-83	TRANSISTOR 250	2458		
L501 A.1-408-231-11 L752 1-407-508-00	MICRO INDUCTOR 1MMH MICRO INDUCTOR 22MMH		Q817 Q818	8-729-204-83	TRANSISTOR 2SA	1048GR 1048GR		
L753 1-408-247-00 L802 1-408-349-00 L803 1-408-238-00	COIL, CHOKE MICRO INDUCTOR 3.9MMH		Q819 Q820 Q821	8-729-245-83 8-729-245-83 8-729-245-83	TRANSISTOR 250 TRANSISTOR 250 TRANSISTOR 250	2458 2458 2458		
L804 A.1-459-241-11 L805 A.1-459-568-11	COIL, HORIZONTAL LINIALITY		Q822 Q823	8-729-245-83	TRANSISTOR 250	2458		
L806 1-407-365-00 L807 1-459-104-00	COIL, CHOKE		Q824	8-729-245-83	TRANSISTOR 250	2458		
L808 1-407-364-00	COIL, SPOOK CHOKE 3.3UH		İ	RES	ISTOR			
L809 1-407-841-00 L810 1-407-166-XX L811 1-459-155-00 L812 1-459-115-00 L814 1-407-841-00	DIODE R012E-B1 DIODE U05G IC UPC1377C IC CX7916 IC UPC1378H-L IC UPC4558C IC HD14538BP IC TC4011BP IC UPC4558C IC TDA1082 IC UPC7812H HEAT SINK, PIN OUT; IC805 L MICRO INDUCTOR 1MMH MICRO INDUCTOR 33MMH COIL, CHOKE MICRO INDUCTOR 3.9MMH COIL, CHOKE MICRO INDUCTOR 3.9MMH COIL, CHOKE 980UH COIL, CHOKE 980UH COIL, CHOKE 3.3UH COIL, SPOOK CHOKE 3.3UH COIL 15UH MICRO INDUCTOR 56UH COIL 15UH MICRO INDUCTOR 33MMH MICRO INDUCTOR 56UH COIL 15UH MICRO INDUCTOR 33MMH MI		R504 R505 R506 R507 R508	1-247-847-00 1-247-869-00 1-247-887-00 1-215-455-00 1-247-833-00	CARBON CARBON CARBON METAL CARBON	4.7K 5 39K 5 220K 5 27K 1 1.2K 5	% 1/6 % 1/6 % 1/6 % 1/6 % 1/6	W W W
L816 1-408-247-00	MICRO INDUCTOR 33MMH		R509	11-215-473-00	METAL	150K 1	% 1/6	
тр/	- QOT212NJ		R510	1-215-461-00	METAL METAL	47K 1	% 1/6 ¹ % 1/6 ¹	
1 Nr	1131310K		R514	1-215-463-00	METAL	56K 1	% 1/6	W
Q502 8-729-900-36 Q503 8-729-900-36 Q504 8-729-900-36	TRANSISTOR DTC124ES TRANSISTOR DTC124ES TRANSISTOR DTC124ES		R515 R516	1-247-820-00	CARBON	360 5 680 5	% 1/6 % 1/6	
Q505 8-729-900-63 Q507 8-729-204-83	TRANSISTOR DTA124ES TRANSISTOR 2SA1048GR		R517	1-247-828-00 1-247-815-00	CARBON CARBON	750 5 220 5	% 1/6 % 1/6	
Q508 8-729-245-83 Q509 8-729-900-36	TRANSISTOR 2SC2458 TRANSISTOR DTC124ES		R519 R520	1-247-879-00 1-247-847-00	CARBON CARBON	100K 5 4.7K 5		W
Q510 8-723-305-00	TRANSISTOR 2SK43-5		R521	1-247-886-00	CARBON		% 1/6 % 1/6	
Q751 8-729-245-83 Q752 8-729-313-42	TRANSISTOR 2SC2458 TRANSISTOR 2SD1134		R522 R524	1-247-842-00	METAL CARBON	3K 5	% 1/6	W
Q753 8-729-306-92	TRANSISTOR 2SD669A		R525	1-247-857-00 1-247-846-00	CARBON CARBON	12K 5 4.3K 5	% 1/6 % 1/6	

The components identified by shading and mark <u>A</u> are critical for safety. Replace only with part number specified.



Ref.No.	Part No.	Description				Remark	Ref.No.	Part No.	Description				Remark
R527 R528 R529 R530 R531	1-247-863-00 1-215-373-31 1-213-137-00 1-213-137-00 1-247-874-00	CARBON METAL METAL OXIDE METAL OXIDE CARBON	22K 10 330 330 62K	5% 1% 5% 5% 5%	1/6W 1/6W 1W 1W 1/6W	F F	R590 R591 R592 R593 R594	1-247-903-00 1-247-886-00 1-212-364-00 1-247-823-00 1-247-831-00	CARBON CARBON METAL OXIDE CARBON CARBON	1M 200K 2.2 470 1K	5% 5% 5% 5%	1/6W 1/6W 1W 1/6W 1/6W	F
R532 R533 R534 R542 R544	1-247-870-00 1-247-824-00 1-247-824-00 1-212-366-00 1-247-230-00	CARBON CARBON CARBON METAL OXIDE CARBON	43K 510 510 3.3 390	5% 5% 5% 5%	1/6W 1/6W 1/6W 1W 1/2W	F	R595 R596 R597 R751 R753	1-247-831-00 1-247-815-00 1-247-831-00 1-247-874-00 1-247-875-00	CARBON CARBON CARBON CARBON CARBON	1K 220 1K 62K 68K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R545 R546 R547 R548 R549	1-247-837-00 1-247-851-00 1-247-831-00 1-247-849-00 1-249-429-11	CARBON CARBON CARBON CARBON CARBON	1.8K 6.8K 1K 5.6K 10K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R754 R755 R756 R756 R757	1-247-861-00 1-247-831-00 1-247-825-00 1-247-831-00 1-247-819-00	CARBON CARBON CARBON CARBON CARBON	18K 1K 560 1K 330	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R550 R551 R552 R553 R554	1-247-878-00 1-249-437-11 1-247-853-00 1-247-847-00 1-247-886-00	CARBON CARBON CARBON CARBON CARBON	91K 47K 8.2K 4.7K 200K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R760 R761 R762 R763 R764	1-247-824-00 1-247-831-00 1-247-827-00 1-247-886-00 1-247-846-00	CARBON CARBON CARBON CARBON CARBON	510 1K 680 200K 4.3K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R 555 R 556 R 558 R 559 R 560	1-247-849-00 1-247-859-00 1-247-867-00 1-249-429-11 1-249-429-11	CARBON CARBON CARBON CARBON CARBON	5.6K 15K 33K 10K 10K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R765 R766 R767 R768 R769	1-213-147-00 1-247-802-00 1-247-807-00 1-247-857-00 1-247-021-00	METAL OXIDE CARBON CARBON CARBON CARBON	2.2K 62 100 12K 1.5	5% 5% 5% 5% 5%	1W 1/6W 1/6W 1/6W 1/8W	F
R561 R562 R563 R564 R565	1-247-876-00 1-247-875-00 1-247-875-00 1-247-889-00 1-249-429-11	CARBON CARBON CARBON CARBON CARBON	75K 68K 68K 270K 10K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R770 R771 R772 R773 R774	1-247-021-00 1-247-874-00 1-247-870-00 1-247-824-00 1-247-817-00	CARBON CARBON CARBON CARBON CARBON	1.5 62K 43K 510 270	5% 5% 5% 5% 5%	1/8W 1/6W 1/6W 1/6W 1/6W	F.
R566 R567 R568 R569 R570	1-215-493-00 1-247-877-00 1-247-807-00 1-247-875-00 1-247-870-00	METAL CARBON CARBON CARBON CARBON	1M 82K 100 68K 43K	1% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R775 R776 R777 R777 R778	1-247-824-00 1-247-819-00 1-247-825-00 1-247-875-00 1-249-429-11	CARBON CARBON CARBON CARBON CARBON	510 330 560 68K 10K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R571 R572 R573 R574 R575	1-247-831-00 1-247-831-00 1-247-881-00 1-247-873-00 1-247-849-00	CARBON CARBON CARBON CARBON CARBON	1K 1K 120K 56K 5.6K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R780 R781 R782 R783 R784	1-247-833-00 1-247-816-00 1-247-822-00 1-247-817-00 1-247-851-00	CARBON CARBON CARBON CARBON CARBON	1.2K 240 430 270 6.8K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R576 R577 R578 R579 R580	1-249-421-11 1-247-815-00 1-247-889-00 1-247-879-00 1-247-831-00	CARBON CARBON CARBON CARBON CARBON	2.2K 220 270K 100K 1K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R785 R786 R787 R788 R788	1-247-021-00 1-247-021-00 1-247-881-00 1-247-879-00 1-247-833-00	CAR BON CAR BON CAR BON CAR BON CAR BON	1.5 1.5 120K 100K 1.2K	5% 5% 5% 5% 5%	1/8W 1/8W 1/6W 1/6W 1/6W	F
R581 R582 R583 R584 R585	1-247-831-00 1-247-849-00 1-247-892-00 1-249-437-11 1-247-795-00	CARBON CARBON CARBON CARBON CARBON	1K 5.6K 360K 47K 33	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R790 R801 R802 R803 R804	1-247-001-11 1-247-843-00 1-247-861-00 1-247-881-00 1-247-867-00	CARBON CARBON CARBON	15 3.3K 18K 120K 33K	5%	1/4W 1/6W 1/6W 1/6W 1/6W	F
R586 R587 R589	1-247-859-00 1-247-831-00 1-247-831-00		15K 1K 1K	5% 5% 5%	1/6W 1/6W 1/6W		R805 R806 R807	1-249-419-11 1-249-421-11 1-247-894-00	CARBON	1.5K 2.2K 430K	5%	1/6W 1/6W 1/6W	

PVM-1371QM



Ref.No.	Part No.	Description				Remark	Ref.No.	Part No.	Description				Remark
R808 R809 R810 R811 R812	1-249-434-11 1-249-419-11 1-247-857-00 1-215-462-00 1-247-873-00	CARBON CARBON CARBON METAL CARBON	27K 1.5K 12K 51K 56K	5% 5% 5% 1% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R852 R853 R855 R856 R857	1-247-863-00 1-247-845-00 1-247-819-00 1-247-853-00 1-247-879-00	CARBON CARBON CARBON CARBON CARBON	22K 3.9K 330 8.2K 100K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R813 R814 R815 R816 R817	1-247-825-00 1-247-849-00 1-247-857-00 1-247-807-00 1-247-877-00	CARBON CARBON CARBON CARBON CARBON	560 5.6K 12K 100 82K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R858 R859 R860 R861 R862	1-247-890-00 1-247-867-00 1-217-418-00 1-217-418-00 1-244-923-00	CARBON CARBON FUSIBLE FUSIBLE CARBON	300K 33K 0.47 0.47 120K	5% 5% 10% 10% 5%	1/6W 1/6W 1/2W 1/2W 1/2W	F
R818 R819 R820 R821 R822	1-247-868-00 1-247-857-00 1-247-877-00 1-247-879-00 1-247-879-00	CARBON CARBON CARBON CARBON CARBON	36K 12K 82K 100K 100K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R863 R864 R865 R866 R867	1-244-923-00 1-246-488-00 1-247-721-11 1-247-614-00 1-213-143-00	CARBON CARBON CARBON CARBON METAL OXIDE	120K 4.3K 4.7K 3.3K 1K	5% 5% 5% 5% 5%	1/2W 1/4W 1/4W 1/8W 1W	F
R823 R824 R825 R826 R827	1-247-845-00 1-247-833-00 1-249-429-11 1-215-473-00 1-215-447-00	CARBON CARBON CARBON METAL METAL	3.9K 1.2K 10K 150K 12K	5% 5% 5% 1% 1%	1/6W 1/6W 1/6W 1/6W 1/6W		R868 R869 R870 R871 R872	1-213-147-00 1-213-127-00 1-247-867-00 1-249-421-11 1-247-877-00	METAL OXIDE METAL OXIDE CARBON CARBON CARBON	2.2K 47 33K 2.2K 82K	5% 5% 5% 5%	1W 1W 1/6W 1/6W 1/6W	F
R828 ※R829 ※R829 ※R829 ※R829	1-215-441-00 1-247-862-00 1-247-863-00 1-247-864-00 1-249-434-11	METAL CARBON CARBON CARBON CARBON	6.8K 20K 22K 24K 27K	1% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R873 R874 R875 R876 R876	1-249-429-11 1-249-434-11 1-247-843-00 1-212-364-00 1-247-874-00	CARBON CARBON CARBON METAL OXIDE CARBON	10K 27K 3.3K 2.2 62K	5% 5% 5% 5% 5%	1/6W 1/6W 1/6W 1W 1/6W	F
※R829 ※R829 ※R829 ※R829 ※R829	1-247-866-00 1-247-867-00 1-247-869-00 1-249-437-11 1-247-873-00	CARBON CARBON CARBON CARBON CARBON	30K 33K 39K 47K 56K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W		R878 R879 R880 R881 R882	1-247-894-00 1-247-841-00 1-249-421-11 1-249-429-11 1-247-831-00	CARBON CARBON CARBON CARBON CARBON	430K 2.7K 2.2K 10K 1K	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
* R829 R830 R831 R832 R833	1-247-876-00 1-247-867-00 1-247-864-00 1-247-841-00 1-215-449-00	CARBON CARBON CARBON CARBON METAL	75K 33K 24K 2.7K 15K	5% 5% 5% 5% 1%	1/6W 1/6W 1/6W 1/6W 1/6W		R883 R884 R885 R886 R887	1-247-841-00 1-247-841-00 1-247-881-00 1-247-845-00 1-247-807-00	CARBON CARBON CARBON CARBON CARBON	2.7K 2.7K 120K 3.9K 100	5% 5% 5% 5%	1/6W 1/6W 1/6W 1/8W 1/6W	
R834 R835 R836 R837 R838	1-215-464-00 1-215-467-00 1-247-819-00 1-247-831-00 1-206-745-00	METAL METAL CARBON CARBON METAL OXIDE	62K 82K 330 1K 6.8K	1% 1% 5% 5% 5%	1/6W 1/6W 1/6W 1/6W 3W	F	R888 R889 R890 **R891 **R891	1-215-477-00 1-215-463-00 1-212-360-00 1-215-397-00 1-215-425-00	METAL METAL METAL OXIDE METAL METAL	220K 56K 1 100 1.5K	1% 1% 5% 1% 1%	1/6W 1/6W 1W 1/6W 1/6W	F
R839 R840 R841 R842 R843	1-247-662-00 1-247-841-00 1-212-361-00 1-206-745-00 1-247-851-00	CARBON CARBON METAL OXIDE METAL OXIDE CARBON	560 2.7K 1.2 6.8K 6.8K	5% 5% 5% 5% 5%		F F	*R891 *R891 *R891 *R891 *R891	1-215-433-00 1-215-439-00 1-215-443-00 1-215-447-00 1-215-449-00	METAL METAL METAL METAL METAL	3.3K 5.6K 8.2K 12K 15K	1% 1% 1% 1%	1/6W 1/6W 1/6W 1/6W 1/6W	
R 844 R 845 R 846 R 847 R 848	1-213-126-00 1-215-465-00 1-247-819-00 1-249-429-11 1-247-846-00	METAL OXIDE METAL CARBON CARBON CARBON	39 68K 330 10K 4.3K	5% 1% 5% 5% 5%	1W 1/6W 1/6W 1/6W 1/6W	F	*R891 *R891 *R891 R892 R893	1-215-451-00 1-215-453-00 1-215-455-00 1-215-445-00 1-247-851-00	METAL METAL	18K 22K 27K 10K 6.8K	1% 1% 1% 1% 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
R849 R850 R851	1-247-861-00 1-247-844-00 1-247-861-00	CARBON CARBON CARBON	18K 3.6K 18K	5% 5% 5%	1/6W 1/6W 1/6W		R894 R895 R896	1-247-869-00 1-249-421-11 1-247-831-00		39K 2.2K 1K	5% 5% 5%	1/6W 1/6W 1/6W	

 ^{* :} selected to yield optimum performance.



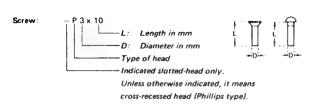


Ref.No. Part No.	Description		Remark	Ref.No.	Part No.	Description	<u>1</u>		Remark
R897 1-247-846-00		5% 1/ 5% 1/			TRAI	NSISTOR			
R898 1-247-831-00 R899 1-247-823-00				Q681	8-729-204-83	TRANSISTOR	2SA1048GR		
VAR	IABLE RESISTOR				RES	ISTOR			
RV501 1-228-577-00 RV502 1-228-724-00 RV503 1-226-848-00 RV504 1-226-852-00 RV505 1-224-249-XX	RES, ADJ, CARBON 22 RES, ADJ, CARBON 10 RES, ADJ, CARBON 22 RES, ADJ, CARBON 22 RES, ADJ, METAL GLA)K , 2K ?K		R681 R682 R684 R685 R686	1-247-853-00 1-247-831-00	CARBON CARBON	10K 5% 36K 5% 8.2K 5% 1K 5% 1K 5%	1/6W 1/6W 1/6W 1/6W 1/6W	
RV506 1-226-855-00 RV507 1-226-850-00 RV751 1-226-850-00 RV752 1-228-724-00 RV753 1-226-850-00	RES, ADJ, CARBON 22 RES, ADJ, CARBON 4. RES, ADJ, CARBON 4. RES, ADJ, CARBON 4.	, 7K , 7K)K		R687 R688 R689	1-247-831-00 1-247-837-00	CARBON CARBON CARBON	6.8K 5% 1K 5% 1.8K 5%	1/6W 1/6W 1/6W	
. K¥755 1-220-050-00	KLJ, ADO, CARDON 4	, , , ,		i					
RV802 1-228-160-11 RV803 1-226-849-00 RV804 1-226-847-00 RV805 1-226-845-00 RV806 1-226-849-00	RES, ADJ, METAL GL/ RES, ADJ, CARBON 3 RES, ADJ, CARBON 1/ RES, ADJ, CARBON 3 RES, ADJ, CARBON 3	. 3K < 30		RV682 RV683 RV684	1-228-937-00 1-228-938-00 1-228-938-00 1-228-936-00	RES, VAR, RES, VAR, RES, VAR,	CARBON 20K CARBON 20K CARBON 20K		
RV807 1-226-848-00	RES, ADJ, CARBON 2			RV 686	1-228-936-00	RES, VAR,	CARBON 10K		
RV808 1-223-102-00 RV809 1-226-192-00	RES, ADJ, WIREWOUND RES, ADJ, CARBON 4	7K			SWI	тсн			
RV811 1-226-857-00 RV812 1-226-853-00	RES, ADJ, CARBON 4:			S671	1-516-777-XX				
TRA	ANSFORMER			S672 S673	1-516-777-XX 1-516-777-XX	SLIDE SWIT	CH		
T801 ★.1-437-090-11				S674 S675	1-554-118-00 1-554-405-00				
_	TRANSFORMER, FERRI	i E		*****	*****	*****	******	*****	*****
Magazini da Jasar	ERMISTOR					CELLANEOUS			
TH501 1-806-110-00 TH751 1-800-071-XX							UTCH VOLTACE		
*******	*******	*****	*****	· 🛕	.1-162-142-21	RESISTOR A	SSY, HIGH-VOLT		
*1-613-041-11	H BOARD			<u>A</u>		MAGNET, DI			
*4-365-401-00	HOLDER (10 GANG),	LED		İ 🚓	1-452-146-21				
. <u>DI</u>	DDE			1	1-543-179-00 *1-556-528-11	CORE, RING		") 6P	
	DIODE SY432D				1-558-159-11			, 0,	
	DIODE SY432D				1-123-337-00			25V	
D684 8-719-114-34 D685 8-719-114-34	DIODE SY432D DIODE SY432D			S901 A	1-426-086-12 1-554-967-11 1-503-109-00	SWITCH, PU	SH (AC POWER)	1 KEY)	
	DIODE SY432D				1-303-109-00		R ASSY, FLYBAC	K	
0688 - 8-719-114-34				V901 <u>A</u>	.8-738-312-05	CRT (330YB	22)		
	DIODE SY432D DIODE SG232D			*****	*****	*****	******	*****	*****
							KING MATERIAL		

The components identified by shading and mark <u>A</u> are critical for safety. Replace only with part number specified.

4-316-037-00 BAG, POLYETHYLENE 4-364-734-00 CUSHION (UPPER) (ASSY) 4-364-735-00 CUSHION (LOWER) (ASSY) 4-365-429-01 INDIVIDUAL CARTON 4-493-991-11 MANUAL, INSTRUCTION

HARDWARE NOMENCLATURE



Reference Designation	Shape	Description	Remarks
	1	SCREWS	
P	€⊒	pan-head screw	binding-head (B) screw for replacement
PWH	€	pan-head screw with washer face	binding-head (B) screw and flat washer for replacement
PS PSP	85-	pan-head screw with spring washer	binding-head (B) screw and spring washer for replace- ment
PSW PSPW	elsto	pan-head screw with spring and flat washers	binding-head (B) screw and spring and flat washers for replacement
R	₽	round-head screw	binding-head (B) screw for replacement
K	Þ	flat-countersunk-head screw	
RK	₽	oval-countersunk-head screw	
В	(binding-head screw	
Т	€	truss-head screw	binding-head (B) screw for replacement
F	₽	flat-fillister-head screw	
RF	€⊃-	fillister-head screw	
BV	€ ⊃	brazier-head screw	1 .

Nut, Washer,	Retaining ring:
	N 3 — Diameter of usable screw or shaf — Reference designation

Reference Designation	Shape	Description	Remarks
	h	SELF-TAPPING SCRE	ws
TA		self-tapping screw	ex: TA, P 3 x 10
PTP	=	pan-head self-tapping screw	binding-head self- tapping (TA, B) screw for replacement
РТРЖН	=	pan-head self-tapping screw with washer face	binding-head self tapping (TA, B) screw and flat washer for replacement
PTTWH		pan-head thread-rolling screw with washer face	binding-head (B) screw and flat washer for replacement
		SET SCREWS	
SC		set screw	
SC	-⊚€:3-	hexagon-socket set screw	ex: SC 2.6 x 4, hexagon socket
		NUT	
N	-[]-(-)-	nut	
		WASHERS	_
W	0	flat washer	
SW	-⊚ (-	spring washer	
LW	0	internal-tooth lock washer	ex: LW3, internal
LW	0	external-tooth lock washer	ex: LW3, external
		RETAINING RINGS	
E	0	retaining ring	
G	@	grip-type retaining ring	

89HH0406-2 Printed in Japan ©1985

huh toy

PVM-1371QW

SONY. SERVICE MANUAL

West Germany Model

Chassis No. SCC-687A-A

SUPPLEMENT-1

File this Supplement with the Service Manual.

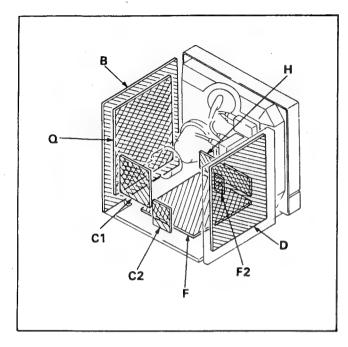
TABLE OF CONTENTS

Section		<u>Title</u>	Page	
5.		GRAMS		
	5-1.	Circuit Boards Location	2	
	5-2.	Block Diagrams	3	
	5-3.	Schematic Diagrams (1)	6	
	5-4.	Printed Wiring Boards (1)	9	
	5-5.	Semiconductors ······	12	
	5-6.	Printed Wiring Boards (2)	13	
	5-7.	Schematic Diagrams (2)	17	
	5-8.	Waveforms·····	21	
7	ELE/	TRICAL DARTE LIST	25	



SECTION 5 DIAGRAMS

5-1. CIRCUIT BOARDS LOCATION



Note: The components identified by shading and mark

A are critical for safety. Replace only with part number specified.

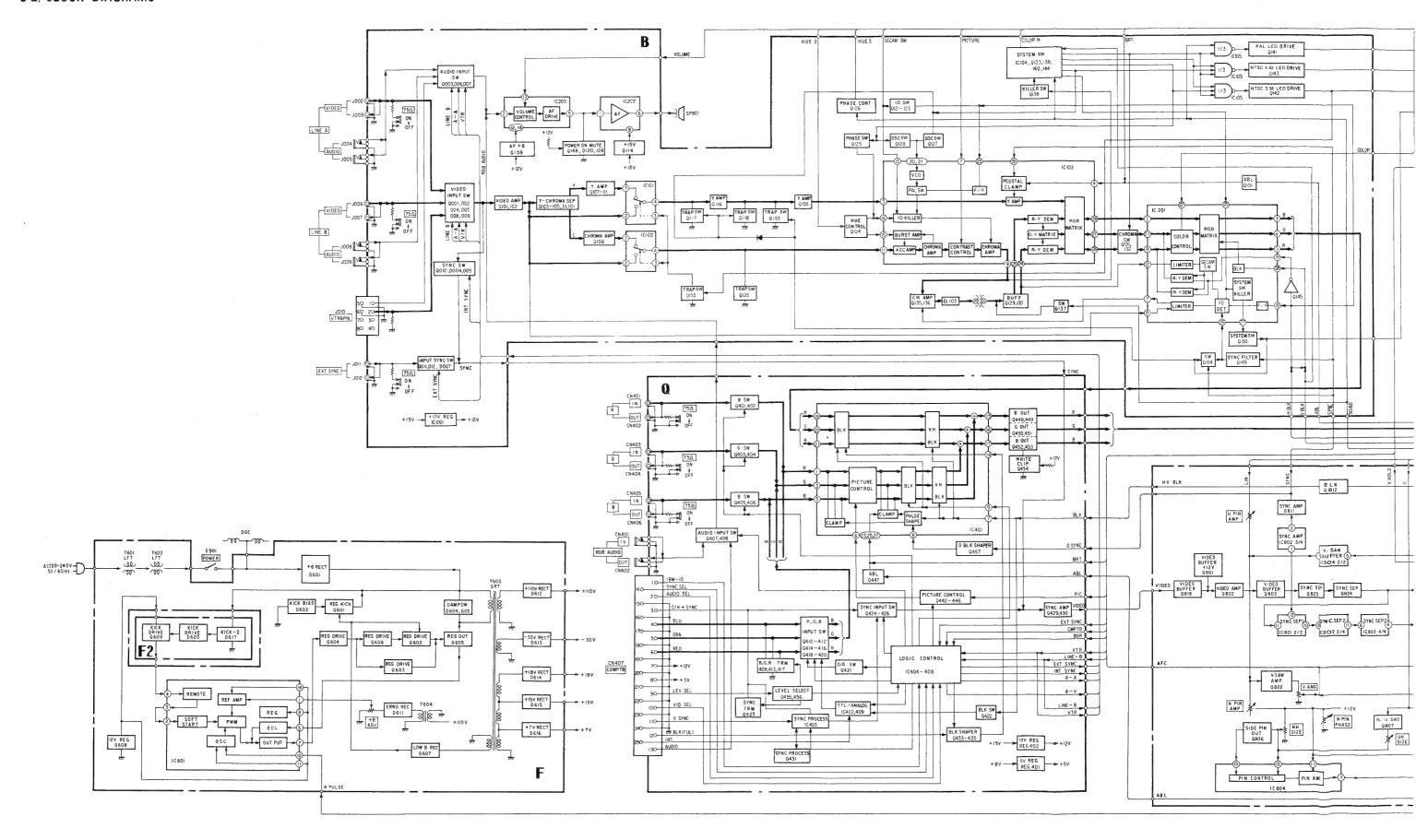
- All capacitors are in μF unless otherwise noted, pF: μμF
 50WV or less are not indicated except for electrolytics.
- All resistors are in ohms, 1/6W unless otherwise noted, $k\Omega = 1000\Omega, \, M\Omega = 1000k\Omega$
- - nonflamable resistor.
- fusible resistor
- △: internal component.
- panel designation.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- Readings are taken with a color-bar signal input to LINE A.
- Voltages are dc with respect to ground unless otherwise noted.
- The voltage value of IC601, Q601 to Q606 on F board and Q609 of F2 board is the reference value between the Q604 emiter.
- Readings are taken with a $10M\Omega$ digital multimeter.
- _____: adjustment for repair.
- Voltage variations may be noted due to normal production tolerances.
- ---- : B + bus.
- --- : B bus.
- 1: The number indicates No. of a waveform diagram.
 For the waveform diagram, refer to page 53.
- no mark : PAL
 - (): SECAM < >: NTSC 3.58
 - < >: NTSC 3.58
 []: NTSC 4.43
 - + : Can not be measured.
- * : Selected to yield optimum performance.

SAFETY-RELATED COMPONENT WARNING !!

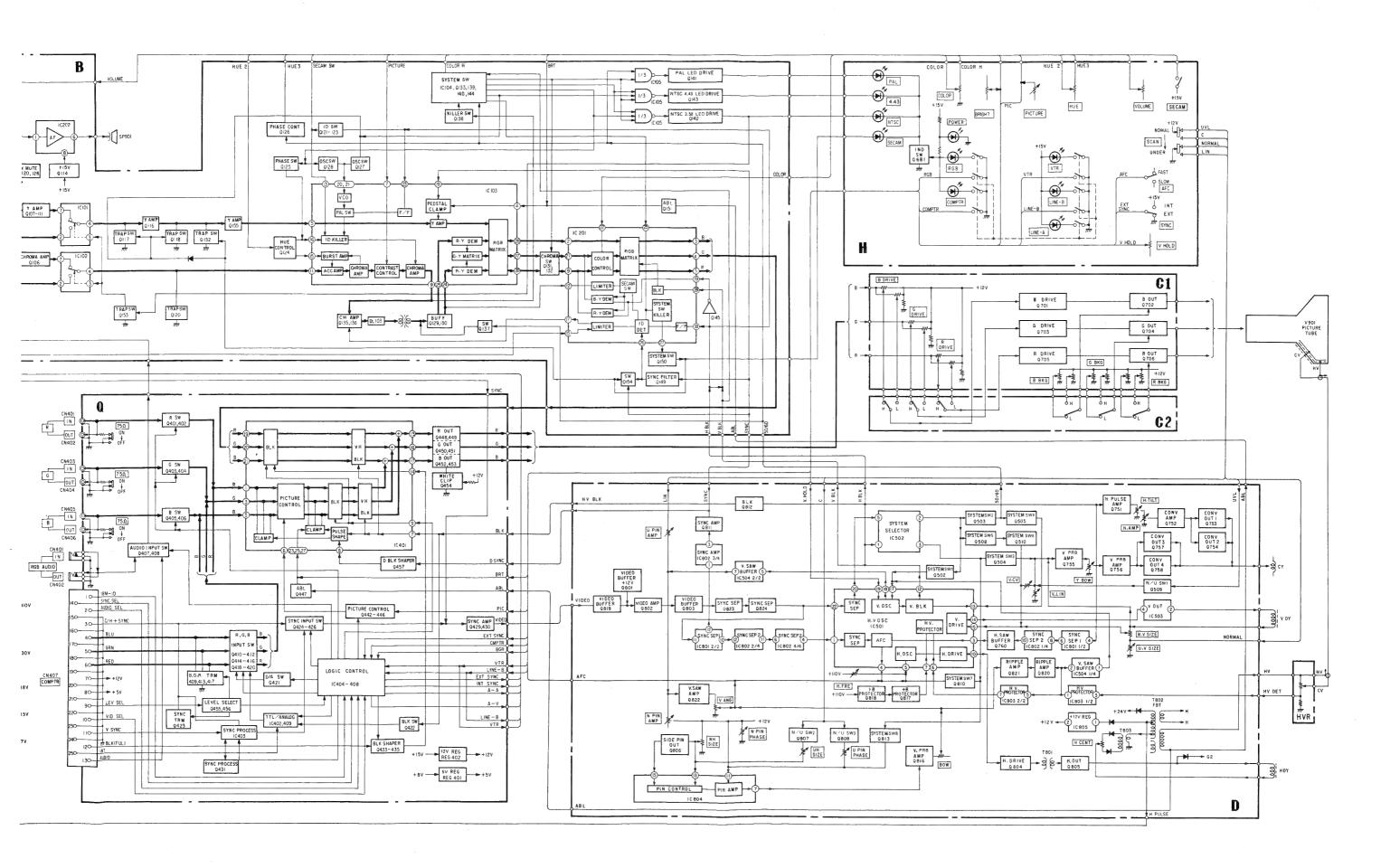
COMPONENTS IDENTIFIED BY SHADING AND MARK

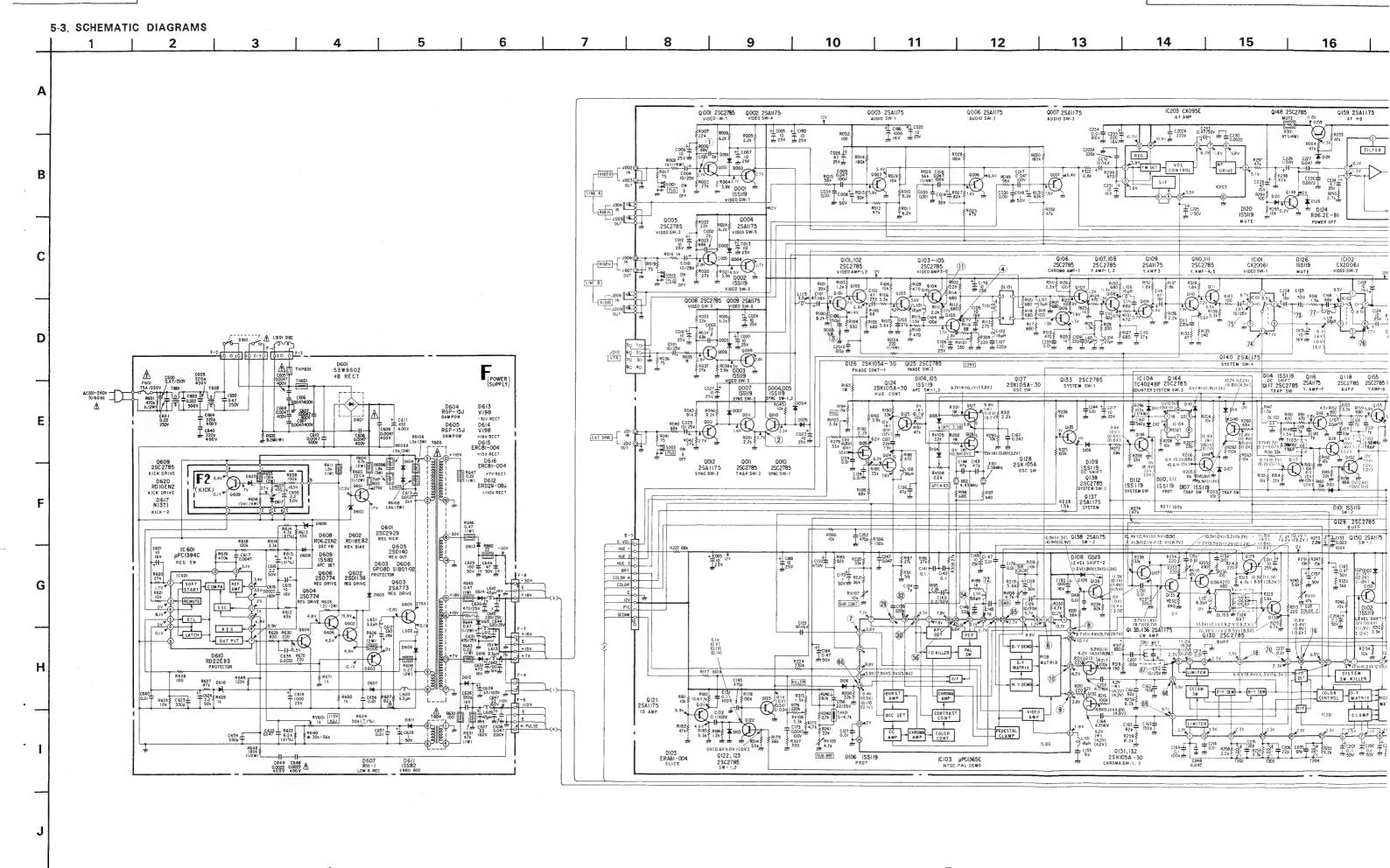
ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

5-2. BLOCK DIAGRAMS

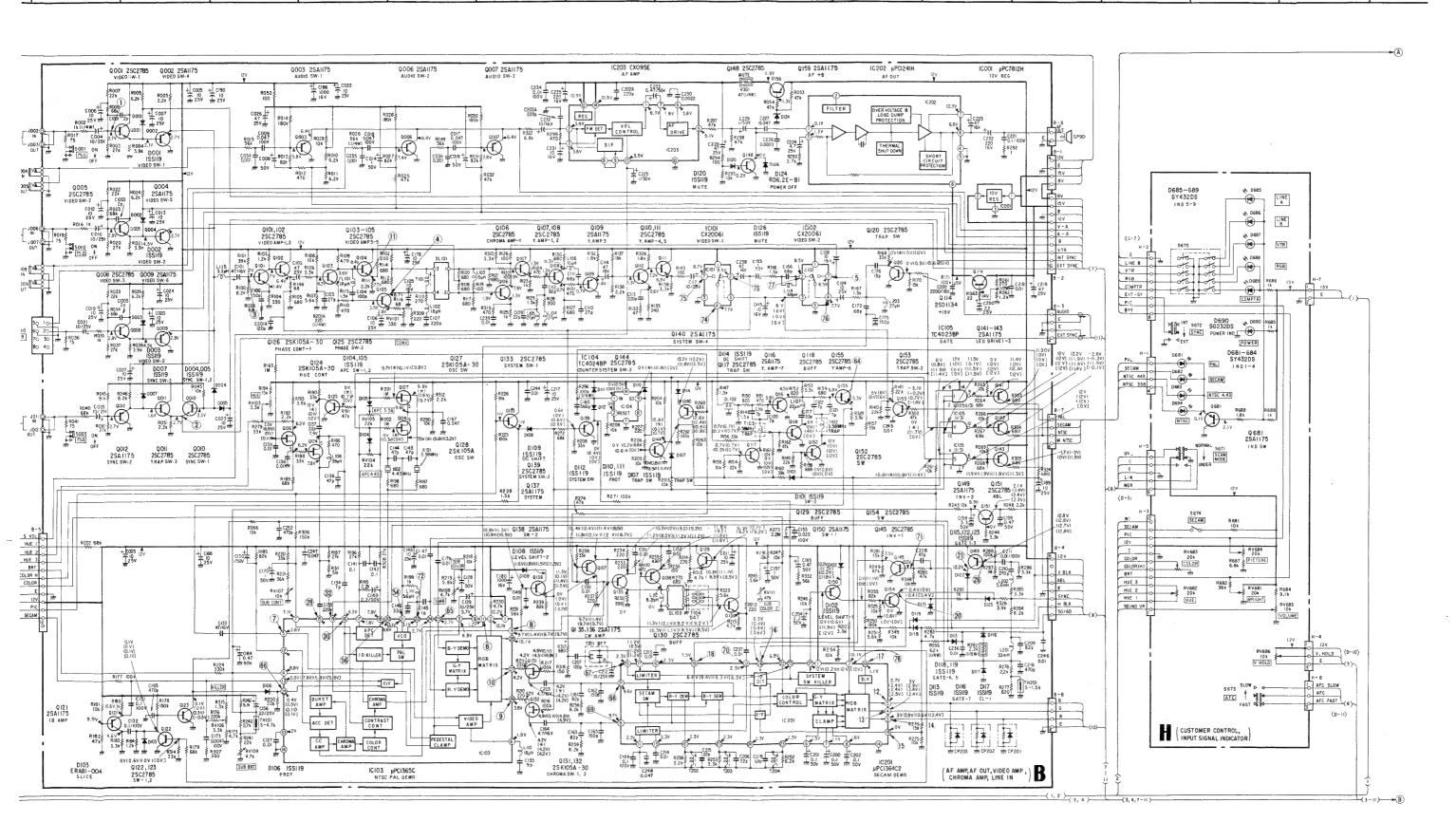


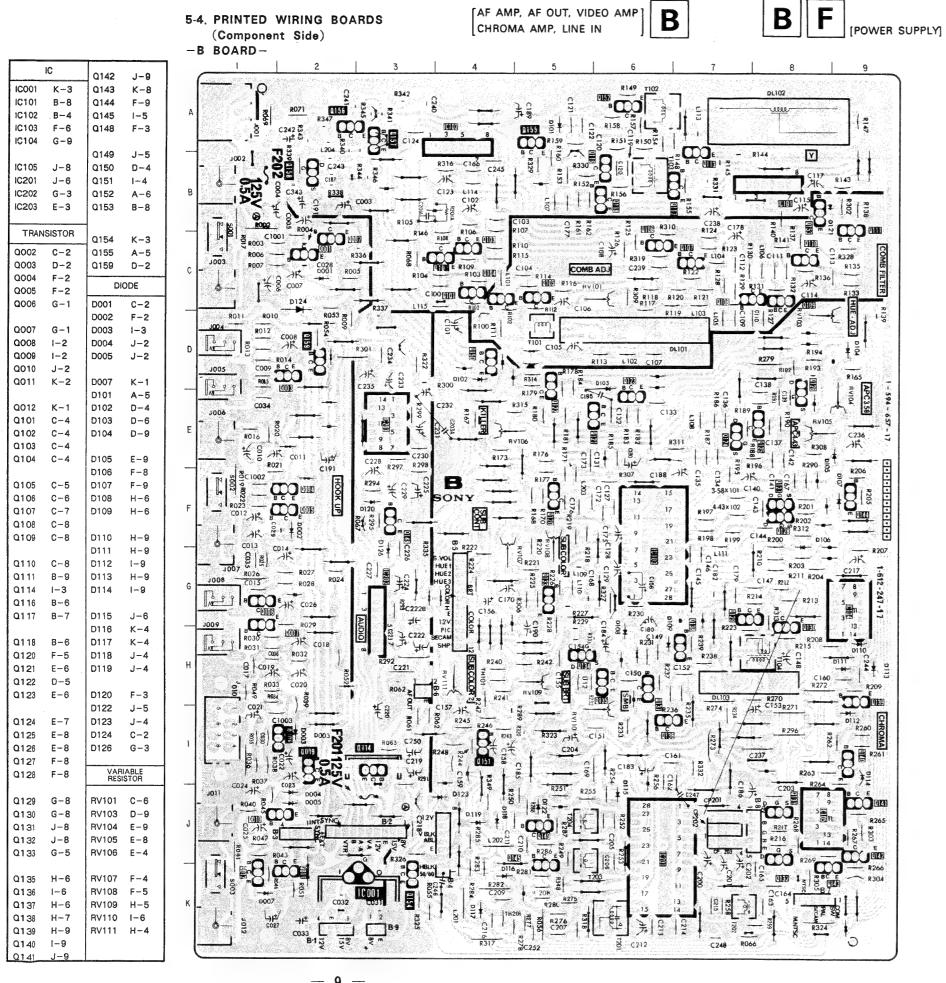
-1371QM

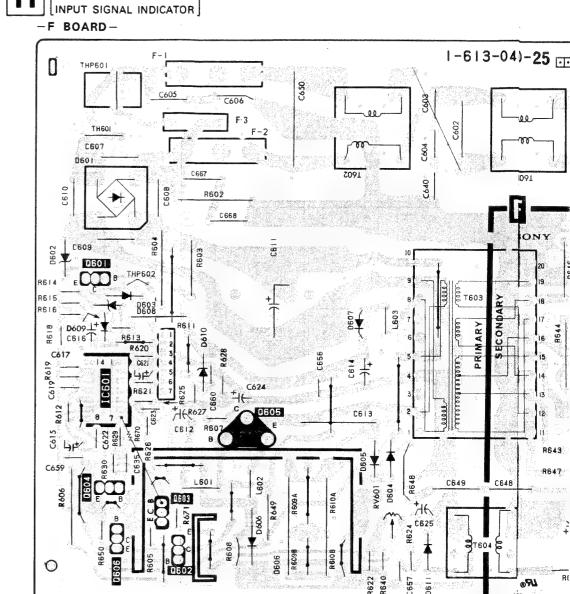




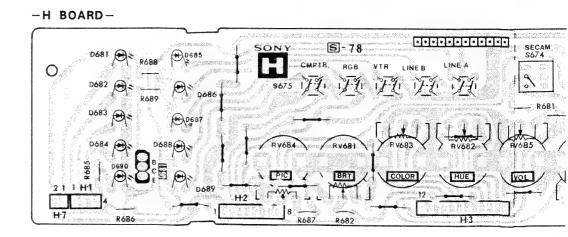
| 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |





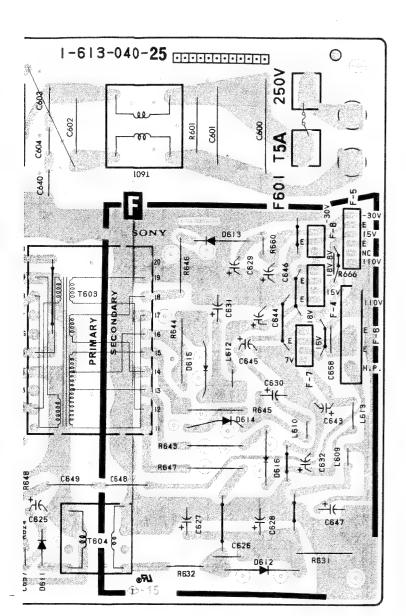


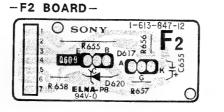
CUSTOMER CONTROL

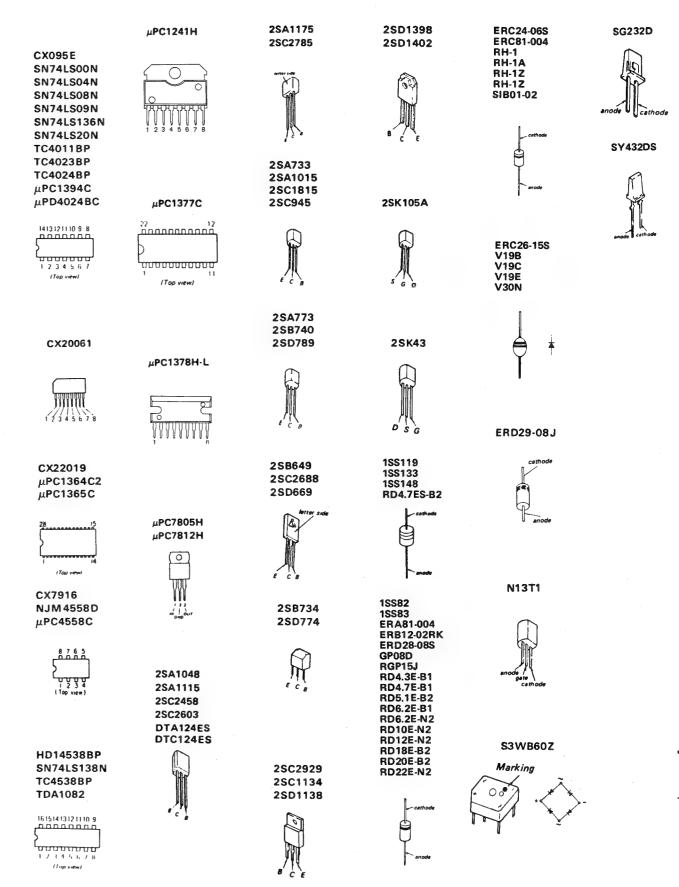


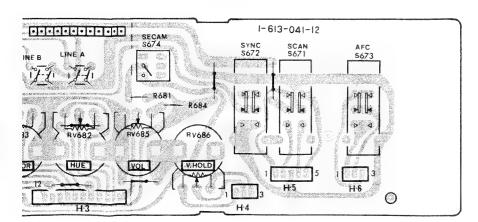


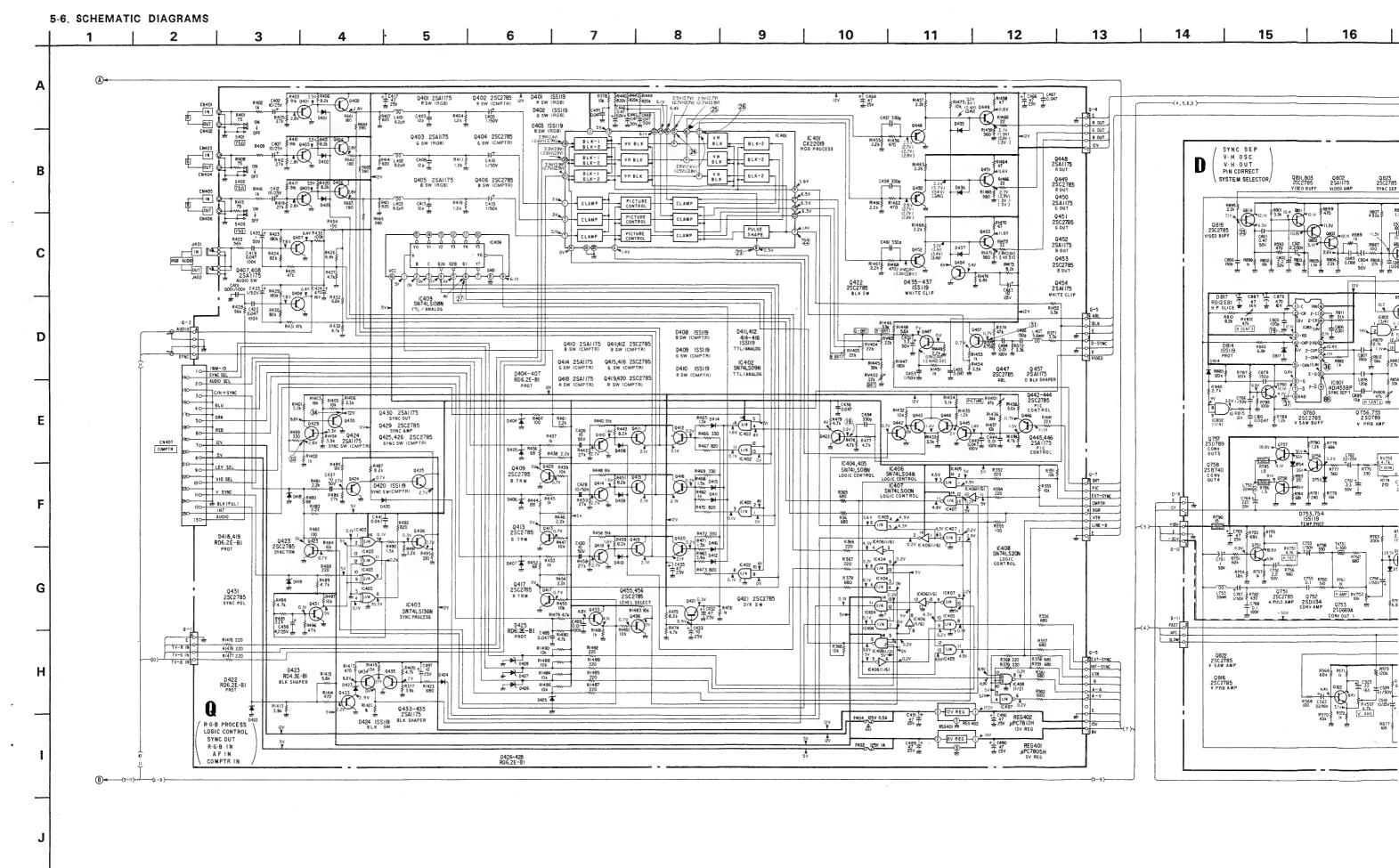
5-5. SEMICONDUCTORS





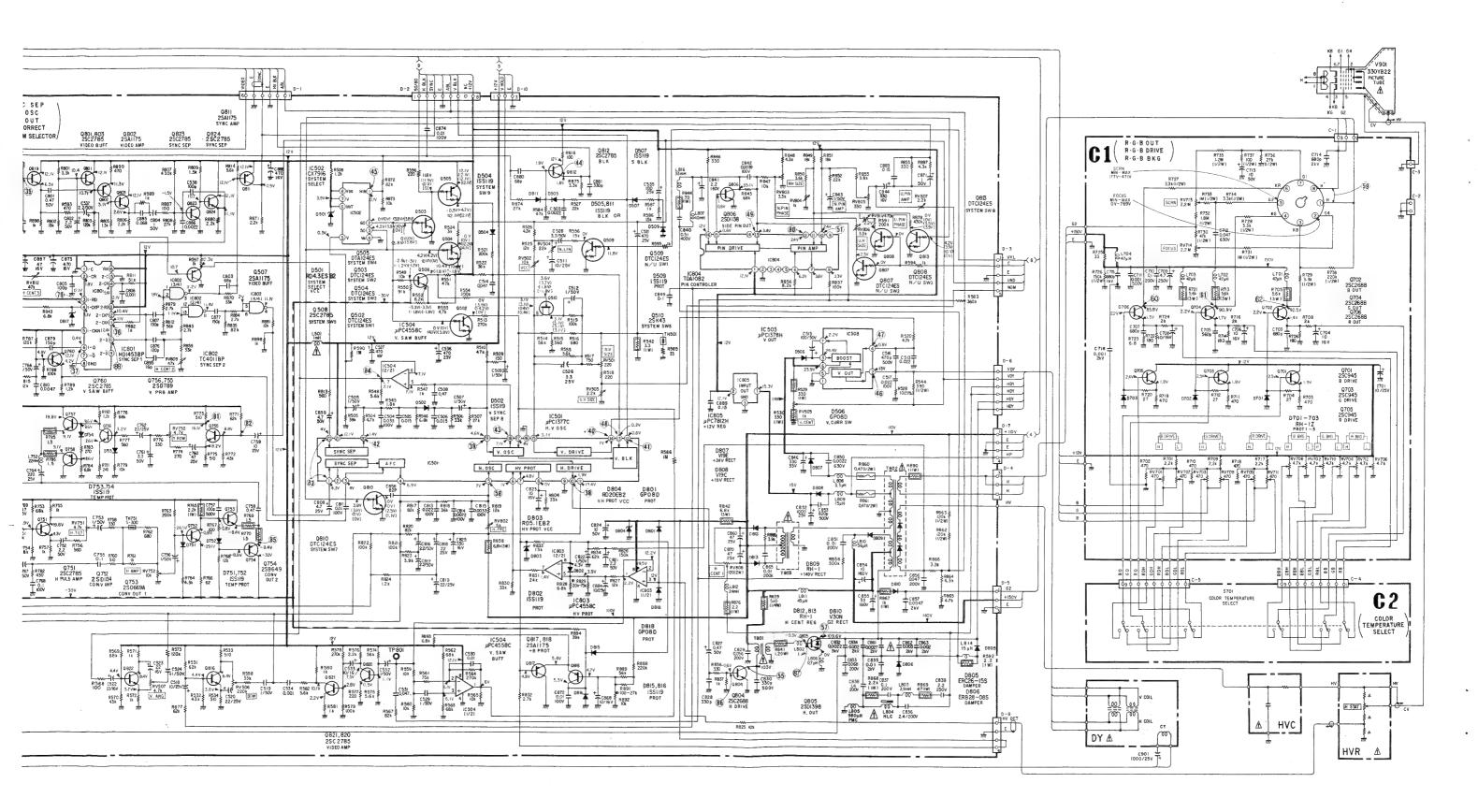




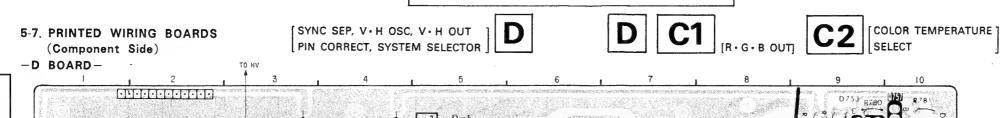


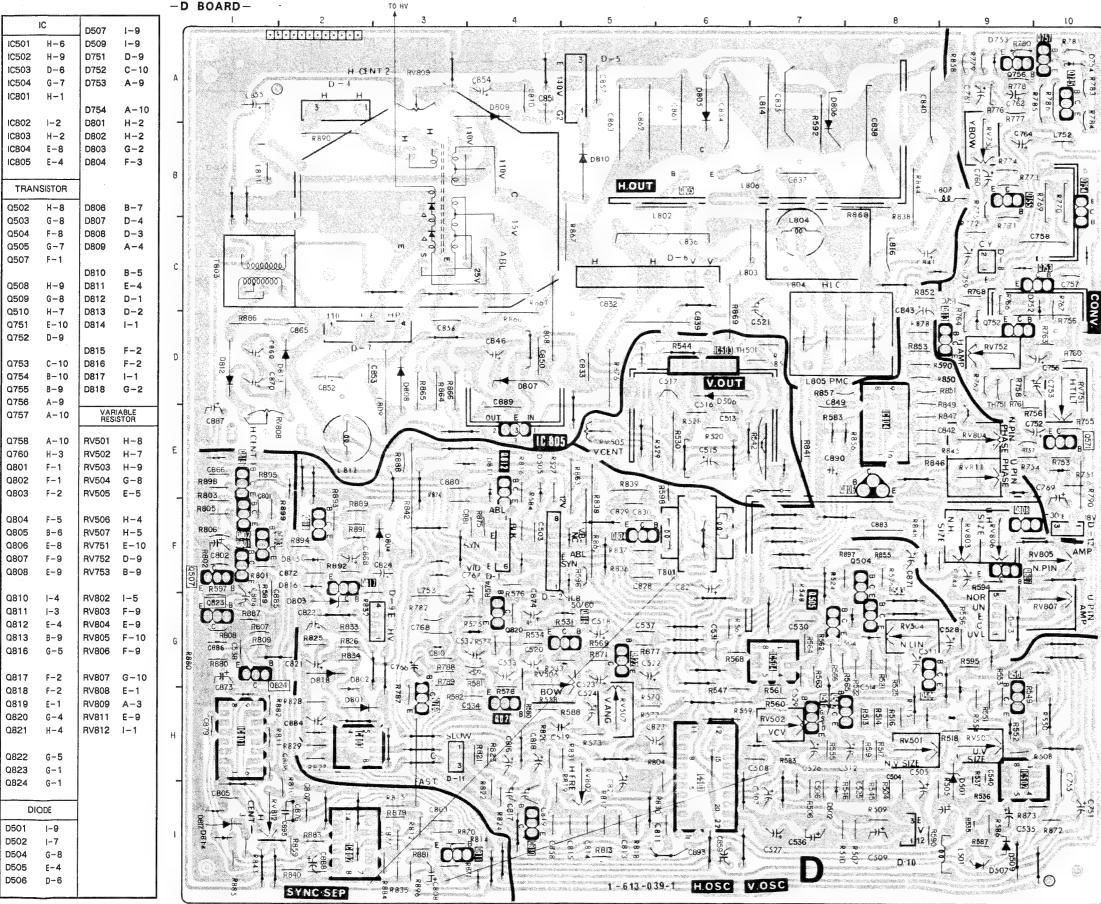
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15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |

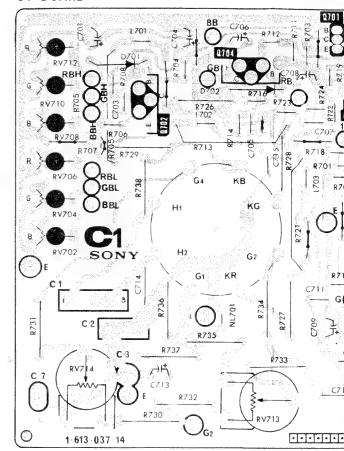


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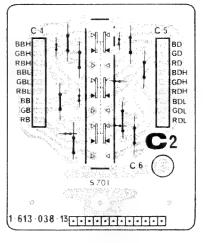




-C1 BOARD-



-C2 BOARD-

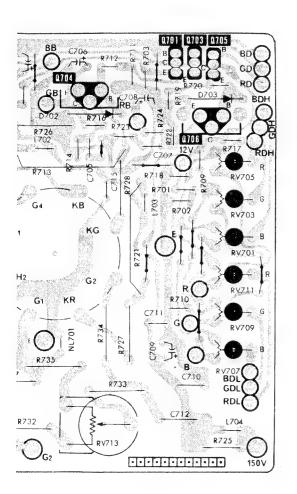


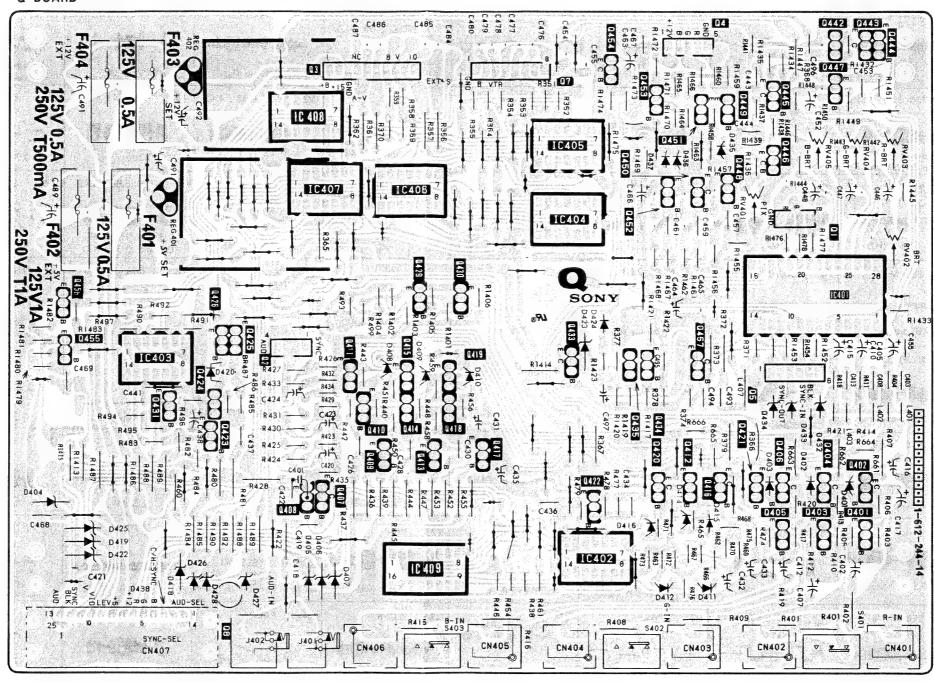
PVM-1371QM PVM-1371QM

C1

R.G.B PROCESS, LOGIC CONTROL SYNC OUT, R.G.B IN, AF IN, COMPTR IN Q

-Q BOARD-

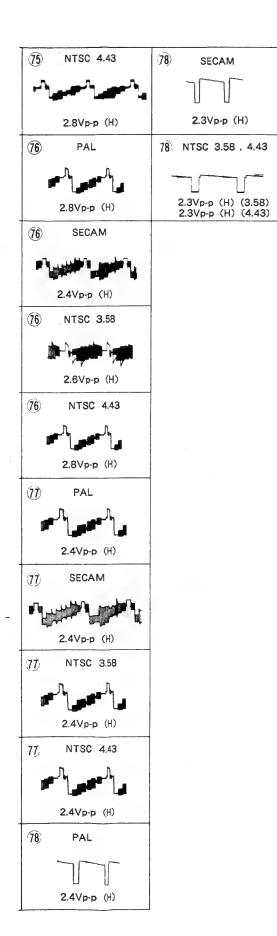


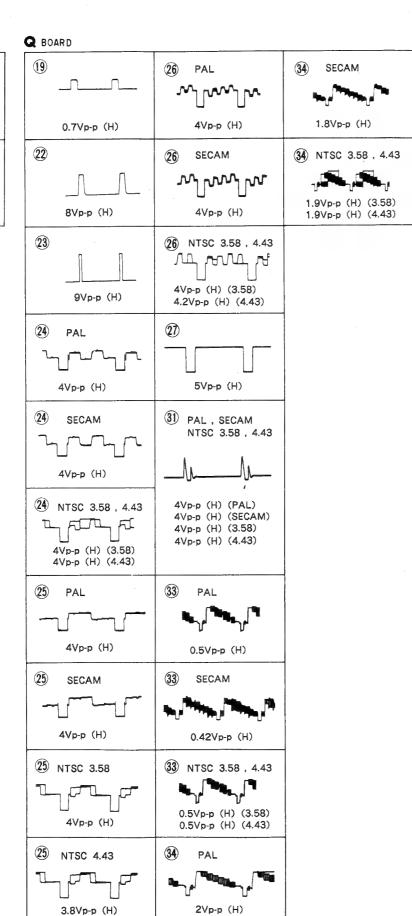


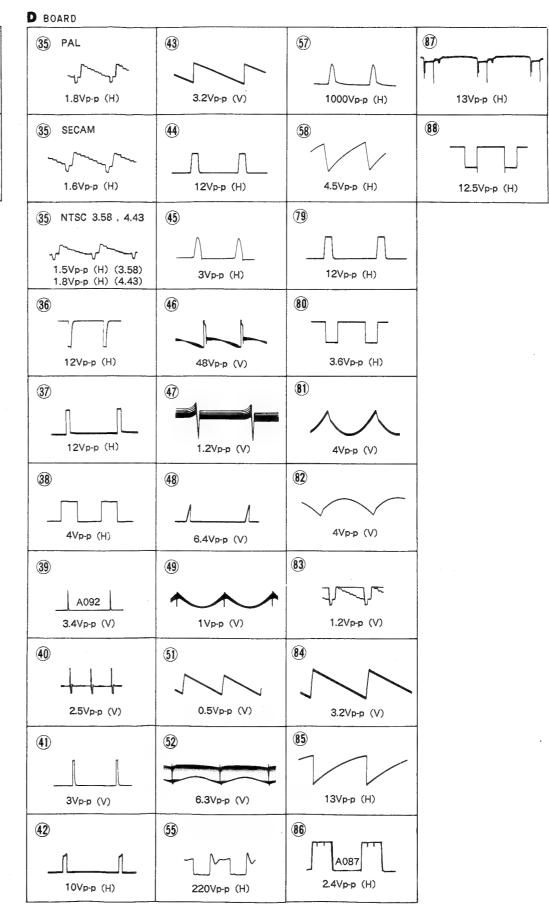
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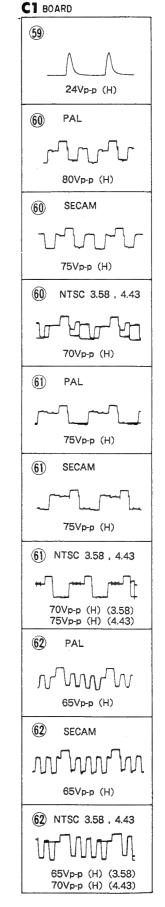
5-8. WEVEFORMS

B BOARD	A A A A A A A A A A A A A A A A A A A				• •• • • • • • • • • • • • • • • • • • •					
1 PAL	4 SECAM	(7) SECAM	10 NTSC 3.58 , 4,43	(4) PAL	18 PAL, SECAM NTSC 3.58, 4.43	30 SECAM	65 PAL	68 NTSC 3.58 , 4.43	73 PAL	① NTSC 4.43 ①
ليدام وهوم الرحو			-1-1-1-1-1	مالعمالم				-VVVVVV	Part of the last	والمعصدال والمعدال
1Vp-p (H)	1.2Vp-p (H)	(H) q-qV9.0	0.9Vp-p (H) (3.58) 0.9Vp-p (H) (4.43)	4.4Vp-p (H)		0.3Vp-p (H)	0.2Vp-p (H)	0.9Vp-p (H) (3.58) 0.9Vp-p (H) (4.43)	3.4Vp-p (H)	2.8Vp-p (H)
1 SECAM	4 NTSC 3.58 , 4.43	7 NTSC 3.58 , 4.43	11) PAL	14 SECAM		30 NTSC 3.58 , 4.43	65 SECAM	69 PAL	73 SECAM	76 PAL 7
0.9Vp-p (H)	0.8Vp-p (H) (3.58)	الماليون الماليون الماليون الماليون الماليون الماليون الماليون الماليون الماليون الماليون الماليون الماليون الم	1.4Vp-p (H)	4.4Vp-p (H)	9.5Vp-p (H) (PAL) 9.5Vp-p (H) (SECAM) 9.5Vp-p (H) (3.58) 9.5Vp-p (H) (4.43)	0.36Vp-p (H) (3.58)	0.2Vp-p (H)	0.7Vp-p (H)	2.8Vp-p (H)	2.8Vp-p (H)
1 NTSC 3.58 , 4.43	1.3Vp-p (H) (4.43) 5 PAL	PAL	1) SECAM	14 NTSC 3.58 , 4.43	20 PAL, SECAM NTSC 3.58, 4.43	0.3Vp-p (H) (4.43)	65 NTSC 3.58 , 4.43	69 SECAM	73 NTSC 3.58 , 4.43	76 SECAM
			polipholipholipholipholipholipholipholip	~~~~~	NTSC 3.58 , 4.43	الماللا	0.3Vp-p (H) (3.58)	-11-11-	Bright Barbary	A CONTRACTOR OF THE PARTY OF TH
0.9Vp-p (H)	3Vp-p (H)	0.34Vp-p (H)	1.6Vp-p (H)	4.4Vp-p (H) (3.58) 4.4Vp-p (H) (4.43)		2.6Vp-p (H)	0.3Vp-p (H) (4.43)	0.9Vp-p (H)	3Vp-p (H)	2.4Vp-p (H)
② PAL	SECAM	8 SECAM	11) NTSC 3.58 , 4.43	15	6.8Vp-p (H) (PAL)	54 PAL, SECAM NTSC 3.58, 4.43	66 PAL, SECAM	69 NTSC 3.58 , 4.43	74 PAL	76 NTSC 3.58
ألم مومور المو	Museum Parameter				0.1Vp-p (H) (SECAM) 6.8Vp-p (H) (3.58)			2 2	Date of the second	
1Vp-p (H)	2.8Vp-p (H)	0.02Vp-p (H)	0.9Vp-p (H)	3.2Vp-p (H)	6.8Vp-p (H) (4.43)	M	2.5Vp-p (H)	0.6Vp-p (H) (3.58) 0.6Vp-p (H) (4.43)	3.4Vp-p (H)	2.6Vp-p (H)
② SECAM	5 NTSC 3.58	8 NTSC 3.58 , 4.43	12 PAL	16 PAL, NTSC 3.58 , 4.43	28 PAL, SECAM NTSC3.58, 4.43	0.5Vp-p (4.43MHz) (PAL)	66 NTSC 3.58 , 4.43	70 PAL	74 SECAM	76 NTSC 4.43
Deal and the state of the state	In the last of	Memory of Agusta and A	مما ليممما ليم			0.55Vp-p (4.43MHz) (SECAM) 0.5Vp-p (3.58MHz) (3.58)				
0.86Vp-p (H)	2.8Vp-p (H)	0.32Vp-p (H) (3.58) 0.32Vp-p (H) (4.43)	4.4Vp-p (H)] ,		0.5Vp-p (4.43MHz) (4.43)	0.4Vp-p (H)	0.3Vp-p (H)	2.8Vp-p (H)	2.8Vp-p (H)
② NTSC 3.58 , 4.43	⑤ NTSC 4.43	9 PAL	12 SECAM		5.2Vp-p (H) (PAL)	56 PAL, SECAM NTSC 3.58, 4.43	67 PAL	70 SECAM	74 NTSC 3.58	(1) PAL
1Vp-p (H) (3.58)	2.8Vp-p (H)		whowha	8.5Vp-p (H) (PAL) 8.5Vp-p (H) (3.58) 8.5Vp-p (H) (4.43)	5.2Vp-p (H) (SECAM) 5.2Vp-p (H) (3.58) 5.2Vp-p (H) (4.43)		-		Manual Land	
0.9Vp-p (H) (4.43)		0.7Vp-p (H)	4Vp-p (H)	(A) CECAN	(0)	+ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$	0.9Vp-p (H)	0.2Vp-p (H)	2.4Vp-p (H)	2.4Vp-p (H)
3 PAL	6 PAL	9 SECAM	(12) NTSC 3.58 , 4.43	(16) SECAM	(29) PAL	2.3Vp-p (4.43MHz) (PAL) 2.3Vp-p	67 SECAM	70 NTSC 3.58 , 4.43	(74) NTSC 4.43	(7) SECAM
1Vp-p (H)	0.5V _p -p (H)	0.5Vp-p (H)	4Vp-p (H) (3.58) 4Vp-p (H) (4.43)	8.5Vp-p (H)	1.7Vp-p (H)	(4.43MHz) (SECAM) 2.3Vp-p (3.58MHz) (3.58) 2.3Vp-p (4.43MHz) (4.43)	0.3Vp-p (H)	0.3Vp-p (H) (3.58) 0.3Vp-p (H) (4.43)	3.2Vp-p (H)	2.4Vp-p (H)
3 SECAM	6 SECAM	9 NTSC 3.58 , 4.43	(13) PAL	17 PAL , SECAM	29 SECAM	64 PAL	(67) NTSC 3.58 , 4.43	10	75) PAL	(77) NTSC 3.58
Jahren , again le		0.7Vp-p (H) (3.58)		NTSC 3.58 , 4.43		معالمسمالس		-JJ-	والمعطال المعالات	الم المعالم ال
0.9Vp-p (H)	0.36Vp-p (H)	0.7Vp-p (H) (3.56) 0.7Vp-p (H) (4.43)	4.4Vp-p (H)	_//_	2.2Vp-p (H)	0.9Vp-p (H)	0.4Vp-p (H) (3.58) 0.8Vp-p (H) (4.43)	3.2Vp-p (H)	3Vp-p (H)	2.4Vp-p (H)
3 NTSC 3.58 , 4.43	6 NTSC 3.58 , 4.43	10 PAL	13 SECAM	5.2Vp-p (H) (PAL)	29 NTSC 3.58 , 4.43	64 SECAM	68 PAL	72 PAL , SECAM NTSC 3.58 , 4.43	75) SECAM	77 NTSC 4.43
Part Part of the P		M.M.M.		5.2Vp-p (H) (SECAM) 5.2Vp-p (H) (3.58)	Assessed Assessed A		M.M.M.		Bull and the last of the last	والمعوالي
0.9Vp-p (H) (3.58) 1Vp-p (H) (4.43)	0.6Vp-p (H) (3.58) 0.6Vp-p (H) (4.43)	(H) q-qV9.0	4.2Vp-p (H)	5.2Vp-p (H) (4.43)	1.6Vp-p (H) (3.58) 1.6Vp-p (H) (4.43)	0.9Vp-p (H)	(H) q-qV9.0	\bigcirc	2.8Vp-p (H)	2.4Vp-p (H)
4 PAL	7 PAL	10 SECAM	(13) NTSC 3.58 , 4.43	20	30 PAL	64 NTSC 3.58 , 4.43	68 SECAM	0.38Vp-p (4.43MHz) (PAL)	75 NTSC 3.58	78) PAL
1.0/5 = (1)	11/2.7 (4)	1	4.4Vp-p (H) (3.58)	10/2 = (1)	1-49-41	الموسودون	m-mm-m	0.4Vp-p (4.43MHz) (SECAM) 0.4Vp-p (3.58MHz) (3.58)	The street of the street	
1.4Vp-p (H)	1Vp-p (H)	0.7Vp-p (H)	4.4Vp-p (H) (4.43)	12Vp-p (H)	0.4Vp-p (H)	0.9Vp-p (H)	1Vp-p (H)	0.32Vp-p(4.43MHz) (4.43)	2.4Vp-p (H)	2.4Vp-p (H)









SECTION 7 ELECTRICAL PARTS LIST

B

NOTE:

The components identified by shading and mark \triangle are critical for safety.

Replace only with part number specified.

- Selected to yield optimum performance.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

RESISTORS

- All resistors are in ohms
- F : nonflammable

When indicating parts by reference number, please include the board name.

CAPACITORS • MF : μF, PF : μμF COILS

•

• MMH : mH, UH : μH

Note: In this parts list, the mounting diagram is for a different product.

Therefore, an excess of parts is listed.

REF.NO	. PART NO.	DESCRIPTION			REMARK	REF.NO.	PART NO.	DESCRIPTION	Į.		REMARK
	*A-1135-334-A	B BOARD, COM	PLETE			C107	1-102-978-00		220PF	5%	50 V
		TAPE, SHIELD				C108 C109 C110 C111 C112	1-123-356-00 1-102-959-00 1-102-961-00 1-101-888-00 1-102-971-00	ELECT CERAMIC CERAMIC CERAMIC CERAMIC	10MF 22PF 27PF 68PF 82PF	20% 5% 5% 5% 5%	16V 50V 50V 50V
B1 B2 B3 B4 B5	*1-560-124-00 *1-560-224-00 *1-560-124-00 *1-560-128-00 *1-560-156-00	PLUG, CONNEC PLUG, CONNEC PLUG, CONNEC PLUG, CONNEC PLUG, CONNEC	TOR (2.5MM TOR (2.5MM) TOR (2.5MM) TOR (2.5MM TOR (2.5MM TOR (2.5MM	PITCH) 10P 4P PITCH) PITCH)		C113 C114 C115	1-102-978-00 1-123-332-00 1-123-356-00 1-123-356-00 1-102-944-00	CERAMIC ELECT ELECT ELECT	220PF 47MF 10MF 10MF 7PF		50V 16V 16V 25V 50V
B6 B7 B8	*1-560-128-00 *1-560-156-00 *1-560-290-00 *1-560-124-00 *1-560-124-00	PLUG, CONNEC PLUG, CONNEC PLUG, CONNEC	TOR (2.5MM TOR (2.5MM) TOR (2.5MM)	PITCH) 4P 4P		C120 C121 C122 C123 C124	1-102-944-00 1-102-944-00 1-102-944-00 1-123-380-00 1-123-356-00	CERAMIC	7PF 7PF 7PF 1MF 10MF	0.5PF 0.5PF 0.5PF 20% 20%	50V 50V 50V 50V 25V
	<cap< td=""><td>ACITOR></td><td></td><td></td><td></td><td>C127</td><td>1-101-004-00</td><td></td><td>0.01MF</td><td>20%</td><td>50V</td></cap<>	ACITOR>				C127	1-101-004-00		0.01MF	20%	50V
C003 C004 C005 C006 C007	1-123-356-00 1-123-356-00 1-123-356-00 1-123-356-00 1-123-356-00	ELECT ELECT ELECT ELECT ELECT	10MF 10MF 10MF 10MF 10MF	20% 20% 20% 20%	25V 25V 25V 25V 25V	C128 C129 C130 C131	1-123-380-00 1-123-356-00 1-123-380-00 1-108-638-11	ELECT ELECT ELECT	1MF 10MF 1MF 0.1MF	20% 20% 20% 10%	50V 25V 50V 100V
C008 C009 C010 C011	1-123-380-00 1-108-634-11 1-123-356-00 1-123-356-00	ELECT MYLAR ELECT ELECT	1MF 0.047MF 10MF 10MF	20% 10% 20% 20%	50V 100V 25V 25V 25V	C132 C133 C134 C135 C136	1-108-638-11 1-123-332-00 1-102-944-00 1-101-004-00 1-101-880-00	ELECT CERAMIC CERAMIC	0.1MF 47MF 7PF 0.01MF 47PF	10% 0.5PF 5%	100V 16V 50V 50V 50V
CO12 CO13 CO14 CO15 CO17 CO18	1-123-356-00 1-123-356-00 1-123-380-00 1-108-634-11 1-108-634-11 1-123-380-00	ELECT ELECT ELECT MYLAR MYLAR ELECT	10MF 10MF 1MF 0.047MF 0.047MF	20% 20% 20% 10% 10% 20%	25V 50V 100V 100V 50V	C137 C138 C139 C140 C141	1-102-959-00 1-101-004-00 1-130-483-00 1-123-381-00 1-161-772-11	CERAMIC MYLAR ELECT	22PF 0.01MF 0.01MF 2.2MF 0.1MF	5% 5% 20% 10%	50V 50V 50V 50V 25V
C019 C020 C021 C022 C023	1-123-356-00 1-123-356-00 1-123-356-00 1-123-356-00 1-123-356-00		10MF 10MF 10MF 10MF 10MF	20% 20% 20% 20% 20%	25V 25V 25V 25V 25V 25V	C142 C143 C144 C145 C146	1-161-772-11 1-101-880-00 1-101-880-00 1-102-934-00 1-102-963-00	CERAMIC CERAMIC CERAMIC	0.1MF 47PF 47PF 1PF 33PF	10% 5% 5% 0.25PF 5%	25V 50V 50V 50V 50V
C024 C025 C026 C027 C034	1-123-356-00 1-123-356-00 1-123-332-00 1-123-356-00 1-108-614-11		10MF 10MF 47MF 10MF 0.001MF		25V 25V 25V 25V 25V 100V	C147 C148 C149 C150 C151	1-101-004-00 1-123-356-00 1-101-004-00 1-101-004-00 1-101-004-00	ELECT CERAMIC CERAMIC	0.01MF 10MF 0.01MF 0.01MF 0.01MF	20%	50V 25V 50V 50V 50V
C035 C036 C100 C101 C102	1-108-614-11 1-108-614-11 1-101-361-00 1-123-332-00 1-123-332-00	MYLAR MYLAR CERAMIC ELECT ELECT	0.001MF 0.001MF 150PF 47MF 47MF	10% 10% 5% 20% 20%	100V 100V 50V 16V 25V	C152 C153 C155 C156 C157	1-101-004-00 1-106-375-12 1-102-946-00 1-123-330-00 1-123-380-00	MYLAR CERAMIC ELECT ELECT	0.022MF 9PF 22MF 1MF	10% 0.5PF 20% 20%	50V 100V 50V 25V 50V
C103 C104 C105 C106	1-102-961-00 1-102-973-00 1-123-356-00 1-123-356-00	CERAMIC CERAMIC ELECT ELECT	27PF 100PF 10MF 10MF	5% 5% 20% 20%	50V 50V 16V 25V	C158 C159 C160 C161 C162	1-123-382-00 1-124-270-11 1-102-115-00 1-102-971-00 1-101-361-00	ELECT ELECT CERAMIC CERAMIC CERAMIC	3.3MF 0.47MF 560PF 82PF 150PF	20% 20% 10% 5%	50V 50V 50V 50V 50V



REF. NO	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION		REMARK
C163 C164 C165 C166 C167	1-102-971-00 1-124-277-11 1-101-361-00 1-101-888-00 1-101-006-00	ELECT CERAMIC	82PF 4.7MF 150PF 68PF 0.047MF	5% 5% 5%	50V 16V 50V 50V 50V	C239 C244 C245 C246 C247	1-101-004-00 1-101-004-00 1-101-004-00 1-101-004-00	CERAMIC CERAMIC CERAMIC	0.01MF 0.01MF 0.01MF	50V 50V 50V 50V
C169 C170 C172 C173 C175	1-108-638-11 1-123-380-00 1-101-888-00 1-108-622-11 1-101-361-00	MYLAR ELECT CERAMIC MYLAR CERAMIC	0.1MF 1MF 68PF 0.0047MF 150PF	10% 20% 5% 10% 5%	100V 50V 50V 100V 50V	C248 C250 C252 C1001	1-101-006-00 1-101-006-00 1-123-330-00 1-102-824-00 1-102-935-00	CERAMIC	0.047MF 0.047MF 22MF 470PF 2PF	50V 50V 20% 25V 5% 50V 0.25PF 50V 0.25PF 50V 0.25PF 50V
C176 C177 C178 C179 C180	1-102-951-00 1-102-963-00 1-123-356-00 1-101-004-00 1-124-360-00	CERAMIC CERAMIC ELECT CERAMIC ELECT	15PF 33PF 10MF 0.01MF 1000MF	5% 5% 20% 20%	50V 50V 25V 50V 16V		1-102-935-00 1-102-935-00 <dio< td=""><td>DE></td><td></td><td>0.25PF 50V 0.25PF 50V</td></dio<>	DE>		0.25PF 50V 0.25PF 50V
C183 C184 C186 C188 C189	1-123-379-00 1-123-379-00 1-124-360-00 1-123-356-00 1-123-356-00	ELECT ELECT ELECT ELECT ELECT	0.47MF 0.47MF 1000MF 10MF 10MF	20% 20% 20% 20% 20%	50V 50V 16V 25V 25V	D001 D002 D003 D004 D005	8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119		
C190 C195 C200 C201 C201A	1-124-463-00	ELECT CERAMIC ELECT ELECT CERAMIC	10MF 470PF 0.1MF 0.1MF 120PF		25V 50V 50V 50V 50V	D101 D102 D103 D104	8-719-911-19 8-719-911-19 8-719-911-19 8-719-908-06 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE ERA81- DIODE 1SS119	005	
C202 C202A C203 C203A C204	1-124-463-00 1-102-978-00 1-124-277-11	CERAMIC	0.1MF 220PF 4.7MF 220PF 2.2MF	20% 5% 5% 20%	50V 50V 16V 50V 50V	D105 D106 D107 D108 D109	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	DIODE 188119		
C205 C206 C207 C208 C209	1-101-888-00 1-102-959-00	CERAMIC CERAMIC CERAMIC CERAMIC	68PF 22PF 120PF 47PF 82PF	5% 5% 5% 5%	50V 50V 50V 50V 50V	D110 D111 D112 D113 D114	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	DIODE 188119 DIODE 188119		
C210 C211 C212 C213 C214	1-102-980-00 1-108-626-11	CERAMIC MYLAR ELECT CERAMIC	270PF 0.01MF 10MF 0.01MF 0.01MF	5% 10% 20%	50V 100V 25V 50V	D115 D116 D117 D118 D119	8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19 8-719-911-19	DIODE 188119 DIODE 188119		
C215 C216 C217 C218 C219	1-102-959-00 1-102-824-00 1-123-356-00 1-101-004-00 1-123-332-00	CERAMIC CERAMIC ELECT	22PF 470PF 10MF 0.01MF 47MF	5% 5% 20% 20%		D120 D122 D123 D124 D125	8-719-911-19 8-719-911-19 8-719-911-19 8-719-109-93 8-719-911-19	DIODE 188119 DIODE RD6.2E	S-B2	
C220 C221 C222 C223 C224	1-124-556-11 1-108-638-11 1-123-321-00 1-123-332-00 1-123-369-00	ELECT MYLAR ELECT ELECT ELECT	2200MF 0.1MF 220MF 47MF 4.7MF	20% 10% 20% 20% 20%	16V 100V 16V 16V 25V	D126	8-719-911-19 <del 1-415-107-31</del 	AY LINE>		
C225 C226 C227 C228 C229	1-123-380-00 1-102-121-00 1-108-812-11 1-123-332-00 1-123-380-00	ELECT CERAMIC MYLAR ELECT ELECT	1MF 0.0022MF 0.047MF 47MF 1MF	20% 10% 5% 20% 20%	50V 50V 50V 25V 50V	DL102	1-415-188-00 1-415-122-31 <1C>	DELAY LINE		
C230 C231 C232 C233 C234	1-102-121-00 1-123-356-00 1-123-356-00 1-123-379-00 1-108-626-11	CERAMIC ELECT ELECT ELECT MYLAR	0.0022MF 10MF 10MF 0.47MF 0.01MF	10% 20% 20% 20% 20% 10%	50V 16V 16V 50V 100V	IC001 IC101 IC102 IC103 IC104	8-752-006-12 8-752-006-12 8-759-113-65	IC CX20061 IC CX20061 IC UPC1365C		
C235 C236 C237 C238	1-123-321-00 1-101-004-00 1-161-379-00 1-123-332-00		220MF 0.01MF 0.01MF 47MF	20% 30% 20%	16V 50V 25V 16V	:	8-759-240-23 8-759-100-15 8-759-101-77 \$3-538-178-00 8-759-610-95	IC UPC1364C IC UPC1241H HEAT SINK; I	C202	

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REMAI	RK

REF.NO.	PART NO.	DESCRIPTION		REMARK	REF.NO.	PART NO.	DESCRIPTIO	N 		I	RE
J2	<ter 1-536-842-11</ter 	MINAL BOARD> TERMINAL BOARD			Q129 0130	8-729-119-78 8-729-119-78 8-729-115-30 8-729-115-30	TRANSISTOR TRANSISTOR TRANSISTOR	2SC2785-HI 2SC2785-III 2SK105A-30	FE O		
L101	<01 1-408-412-00	L> Inductor	18UH		Q133 Q135 Q136	8-729-119-78 8-729-119-76 8-729-119-76	TRANSISTOR	2SA1175-HI 2SA1175-HI	FE FE		
L102 L103 L104 L105	1-408-412-00 1-408-411-00 1-408-414-00 1-408-414-00	INDUCTOR INDUCTOR INDUCTOR INDUCTOR	180H 150H 270H 270H		Q137 Q138 Q139	8-729-119-76 8-729-119-76 8-729-119-78 8-729-119-76	TRANSISTOR	2SA1175-HI	FE		
L106 L107 L108 L110	1-408-409-00 1-408-413-00 1-408-416-00 1-408-412-00	INDUCTOR INDUCTOR INDUCTOR INDUCTOR	18UH 18UH 18UH 18UH 27UH 27UH 10UH 22UH 39UH 18UH 5.6UH 8.2UH 8.2UH 88.2UH 68UH 3.3UH 3.3MH 5.6MMH 27UH 27UH 27UH 2785-HFE 1175-HFE 1175-HFE 1175-HFE 2785-HFE 1175-HFE 2785-HFE		Q140 Q141 Q142 Q143	8-729-119-76 8-729-119-76 8-729-119-76	TRANSISTOR TRANSISTOR TRANSISTOR	2SA1175-HF 2SA1175-HF 2SA1175-HF	FE FE		
L111 L112 L113 L114 L115	1-408-408-00 1-408-408-00 1-408-226-00 1-408-419-00 1-408-403-00	INDUCTOR INDUCTOR INDUCTOR INDUCTOR INDUCTOR	8.2UH 82UH 68UH 3.3UH		Q145 Q148 Q149 Q150	8-729-119-78 8-729-119-78 8-729-119-78 8-729-119-76 8-729-119-76	TRANSISTOR TRANSISTOR TRANSISTOR	2SC2785-HF 2SA1175-HF 2SA1175-HF	FE FE		
L201 L202 L203	1-408-247-00 1-408-163-00 1-408-414-00	INDUCTOR INDUCTOR INDUCTOR	33MMH 5.6MMH 27UH		Q151 Q152 Q153 Q154 Q155	8-729-119-78 8-729-119-78 8-729-119-78 8-729-119-78 8-729-119-78	TRANSISTOR	2SC2785-HF 2SC2785-HF	FE FE		
	<tra< td=""><td>NSISTOR></td><td></td><td></td><td>Q159</td><td>8-729-119-76</td><td>TRANSISTOR</td><td>2SA1175-HF</td><td>FE</td><td></td><td></td></tra<>	NSISTOR>			Q159	8-729-119-76	TRANSISTOR	2SA1175-HF	FE		
Q001 Q002 Q003 Q004	8-729-119-78 8-729-119-76 8-729-119-76	TRANSISTOR 2SC TRANSISTOR 2SA TRANSISTOR 2SA	2785-HFE 1175-HFE 1175-HFE		ROO2	<res< td=""><td>ISTOR></td><td>11/</td><td>59</td><td>1/4W</td><td></td></res<>	ISTOR>	11/	59	1/4W	
Q005 Q006 Q007 Q008	8-729-119-78 8-729-119-78 8-729-119-76 8-729-119-76	TRANSISTOR 2SC TRANSISTOR 2SC TRANSISTOR 2SA TRANSISTOR 2SA	1175-HFE 1175-HFE 1175-HFE		R003 R004 R005 R006	1-249-434-11 1-249-424-11 1-249-421-11 1-249-439-11	CARBON CARBON CARBON CARBON	1K 27K 3.9K 2.2K 68K	5% 5% 5%	1/4W 1/4W 1/4W 1/4W	
Q009 Q010	8-729-119-76 8-729-119-78	TRANSISTOR 25A TRANSISTOR 25C	1175-HFE 2785-HFE		R007 R009 R010	1-249-433-11 1-247-850-11 1-247-850-11 1-247-850-11	CARBON CARBON	22K 6.2K 6.2K 6.2K	5% 5% 5%	1/4W 1/4W 1/4W 1/4W	
Q011 Q012 Q101 Q102	8-729-119-78 8-729-119-78 8-729-119-78	TRANSISTOR 2SC TRANSISTOR 2SC TRANSISTOR 2SC TRANSISTOR 2SC	2785-HFE 1175-HFE 2785-HFE 2785-HFE		R012	1-249-440-11 1-247-885-00	CARBON			1/4W 1/4W	
Q103 Q104 Q105	8-729-119-78 8-729-119-78 8-729-119-78	TRANSISTOR 2SC TRANSISTOR 2SC TRANSISTOR 2SC	2785-HFE 2785-HFE 2785-HFE		R015 R016 R017	1-249-438-11 1-249-417-11	CARBON CARBON CARBON	82K 180K 56K 1K 75	5% 5% 5%	1/4W 1/4W 1/4W 1/4W	
Q106 Q107 Q108 Q109	8-729-119-78 8-729-119-78 8-729-119-78	TRANSISTOR 2SC TRANSISTOR 2SC TRANSISTOR 2SC TRANSISTOR 2SA	210) HFE		R019 R020 R021 R022	1-247-104-00 1-249-434-11 1-249-424-11 1-249-433-11	CARBON CARBON CARBON CARBON	75 27K 3.9K 22K	5% 5%	1/4W 1/4W 1/4W 1/4W	
Q110 Q111 Q114	8-729-119-78 8-729-119-78 8-729-119-78 8-729-313-42 8-729-119-76	TRANSISTOR 2SA TRANSISTOR 2SC TRANSISTOR 2SD TRANSISTOR 2SA TRANSISTOR 2SA	2785-HFE 2785-HFE 1134		R023 R024 R025	1-249-439-11 1-247-850-11 1-249-437-11	CARBON CARBON CARBON		5%	1/4W 1/4W 1/4W	
0117 0118	8-729-119-78 8-729-119-78	TRANSISTOR 2SC TRANSISTOR 2SC	2785-HFE 2785-HFE		R026 R027 R028	1-249-466-11 1-249-440-11 1-247-885-00	CARBON CARBON CARBON	56K 82K 180K	5% 5% 5%	1/4W 1/4W 1/4W	
Q122	8-729-119-78 8-729-119-76 8-729-119-78 8-729-119-78	TRANSISTOR 2SC TRANSISTOR 2SC TRANSISTOR 2SC TRANSISTOR 2SC	1175-HFE 2785-HFE		R029 R030 R031 R032	1-249-429-11 1-247-885-00 1-249-440-11 1-249-437-11	CARBON CARBON CARBON CARBON	10K 180K 82K 47K	5% 5% 5%	1/4W 1/4W 1/4W 1/4W	
Q123 Q124 Q125 Q126 Q127	8-729-115-30 8-729-115-30 8-729-115-30 8-729-115-30	TRANSISTOR 2SK TRANSISTOR 2SK TRANSISTOR 2SK TRANSISTOR 2SK TRANSISTOR 2SK	105A-30 2785-HFE 105A-30		R033 R034 R035	1-249-433-11 1-249-439-11 1-249-417-11	CARBON CARBON CARBON	68K	5%	1/4W 1/4W 1/4W	
Q128	8-729-115-30	TRANSISTOR 2SK	105A-30		R036 R037 R038	1-247-104-00 1-249-434-11 1-249-424-11	CARBON CARBON CARBON	75 27K 3.9K	5% 5%	1/4W 1/4W 1/4W	



REF.NO.	PART NO.	DESCRIPTION				REMARK	REF.NO.	PART NO.	DESCRIPTION				REMARK
R039 R040 R041 R042 R043	1-247-850-11 1-249-439-11 1-247-104-00 1-249-434-11 1-247-878-00				1/4W 1/4W 1/4W 1/4W 1/4W		1	1-249-416-11 1-249-413-11 1-249-416-11 1-249-423-11 1-249-433-11 1-249-429-11	CARBON CARBON	820 470 820 3.3K 22K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R045 R046 R049 R051 R052	1-249-429-11 1-249-428-11 1-249-438-11 1-249-421-11 1-249-405-11		10K 8.2K 56K 2.2K 100		1/4W 1/4W 1/4W 1/4W 1/4W		R155 R156 R157 R158 R158 R159	1-249-435-11 1-249-435-11 1-249-439-11 1-249-415-11	CARBON CARBON CARBON CARBON	33K 33K 68K 680	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R053 R054 R055 R056 R061	1-249-437-11 1-249-437-11 1-249-440-11 1-247-150-00 1-247-744-11 1-247-714-11		47K 47K 82K 6.2K 270		1/4W 1/4W 1/4W 1/4W 1/2W		R160 R161 R162 R165 R167 R168	1-249-436-11 1-249-429-11 1-249-437-11 1-247-903-00 1-249-419-11 1-249-435-11		39K 10K 47K 1M 1.5K 33K		1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	
R063 R066 R068 R100	1-249-397-11 1-249-429-11 1-249-403-11 1-249-428-11 1-249-436-11		1.2K 22 10K 68 8.2K		1/4W 1/4W 1/4W 1/4W		R170 R171 R173 R176 R177	1-249-431-11 1-249-441-11 1-249-425-11 1-247-887-00 1-249-441-11	CARBON CARBON CARBON CARBON	15K 100K 4.7K 220K 100K		1/4W 1/4W 1/4W 1/4W 1/4W	
R102 R103 R104 R105	1-249-409-11 1-249-418-11 1-249-411-11 1-249-415-11 1-249-423-11			5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W		R178 R179 R180 R181 R182	1-247-883-00 1-249-439-11 1-249-417-11 1-249-429-11 1-249-437-11	CARBON CARBON CARBON CARBON	150K 68K 1K 10K 47K		1/4W 1/4W 1/4W 1/4W 1/4W	
R107 R108 R109 R110	1-249-426-11 1-249-429-11 1-249-413-11 1-249-413-11 1-249-421-11		3.3K 5.6K 10K 470 470		1/4W 1/4W 1/4W 1/4W		R183 R184 R185 R186 R187	1-249-423-11 1-249-418-11 1-249-440-11 1-249-413-11 1-249-434-11	CARBON CARBON	3.3K 1.2K 82K 470 27K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R112 R113 R114 R115	1-249-415-11 1-249-410-11 1-249-415-11 1-249-419-11 1-249-403-11	CARBON	2.2K 680 270 680 1.5K		1/4W 1/4W 1/4W 1/4W		R188 R189 R190 R191 R192	1-249-435-11 1-249-439-11 1-249-435-11 1-249-437-11 1-249-421-11	CARBON CARBON	33K 68K 33K 47K	5%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%	1/4W 1/4W 1/4W 1/4W 1/4W	
R117 R118 R119 R120 R121	1-249-415-11	CARBON CARBON CARBON		5% 5% 5%	1/4W 1/4W 1/4W 1/4W		R193 R194 R195 R196 R197	1-249-424-11 1-249-431-11 1-249-421-11 1-249-434-11 1-249-415-11	CARBON CARBON CARBON CARBON CARBON	3.9K 15K 2.2K 27K 680	5%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%	1/4W 1/4W 1/4W 1/4W 1/4W	
R122 R123 R124 R125	1-249-405-11 1-249-417-11 1-249-413-11 1-249-417-11 1-249-405-11	CARBON CARBON	680 100 1K 470 1K	5%	1/4W 1/4W 1/4W 1/4W 1/4W		R198 R199 R200 R201 R201A	1-249-421-11 1-249-431-11 1-249-431-11 1-249-434-11 1-249-415-11 1-249-415-11 1-249-417-11 1-249-433-11 1-247-903-00 1-247-704-11	CARBON CARBON CARBON CARBON CARBON	680 1K 22K 1M 220	57	1/4W 1/4W 1/4W 1/4W 1/4W	
R127 R128 R129 R130	1-249-415-11 1-247-814-11 1-249-419-11 1-249-415-11 1-249-413-11	CARBON CARBON CARBON CARBON	680 200 1.5K 680 470	5% 5% 5%	1/4W 1/4W 1/4W 1/4W		R202 R203 R204 R205 R206	1-247-903-00 1-249-429-11 1-249-429-11 1-249-429-11 1-249-439-11		1M 10K 10K 10K 68K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R132 R133 R135 R136	1-249-420-11 1-249-401-11 1-247-816-11 1-249-421-11 1-249-432-11	CARBON CARBON CARBON CARBON CARBON	1.8K 47 240 2.2K	5% 5% 5%	1/4W 1/4W 1/4W 1/4W		R207 R208 R209 R210 R211	1-249-409-11 1-249-429-11 1-249-435-11 1-249-409-11 1-249-409-11	CARBON CARBON CARBON CARBON CARBON	220 10K 33K 220 220	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R138 R140 R141 R143	1-249-423-11 1-249-433-11 1-249-433-11 1-249-405-11 1-249-403-11	CARBON CARBON CARBON CARBON CARBON	3.3K 22K 22K 100	5% 5% 5%	1/4W 1/4W 1/4W 1/4W		R212 R213 R214 R215 R216	1-249-424-11 1-249-409-11 1-249-409-11 1-249-425-11 1-249-441-11	CARBON CARBON CARBON CARBON CARBON	3.9K 220 220 4.7K 100K	5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R147 R148 R149	1-249-419-11 1-249-419-11 1-249-433-11	CARBON CARBON CARBON	1.5K 1.5K 22K	5%	1/4W 1/4W 1/4W		R217 R218	1-249-441-11 1-249-429-11	CARBON CARBON	100K 10K	5% 5%	1/4W 1/4W	

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REF.NO.	PART NO.	DESCRIPTION				REMARK	REF.NO.	PART NO.	DESCRIPT	ION			REMARK
R219 R220	1-249-426-11 1-249-435-11	CARBON CARBON	5.6K	5% 5%	1/4W 1/4W		R286	1-249-423-11	CARBON	3.3K	5%	1/4W	
R221 R222	1-247-868-11 1-249-439-11	CARBON CARBON	5.6K 33K 36K 68K 5.6K	5% 5%	1/4W 1/4W 1/4W		R287 R288 R290	1-247-903-00 1-249-441-11	CARBON CARBON CARBON	1M 100K 10K	5% 5%	1/4W 1/4W 1/4W	
R223 R224	1-249-426-11 1-247-891-00	CARBON	330K	5% 5%	1/4W		R291 R292	1-249-429-11 1-249-429-11 1-249-447-11	CARBON	10K	5% 5% 5%	1/4W 1/4W 1/4W	
R225 R226 R228	1-249-441-11 1-247-878-00 1-249-419-11	CARBON CARBON CARBON	100K 91K 1.5K	57	1/4W 1/4W 1/4W		R293 R294	1-249-422-11 1-249-405-11		2.7K 100	5% 5%	1/4W 1/4W	
R230 R231	1-249-425-11	CARBON CARBON	4.7K 56K	5% 5%	1/4W		R295 R296 R297	1-249-429-11 1-249-469-11	CARBON	10K 100K 47K	5% 5% 5%	1/4W 1/4W 1/4W	
R232 R233	1-249-412-11 1-249-409-11	CARBON CARBON	390 220	5% 5% 5% 5%	1/4W 1/4W		R298	1-249-437-11	CARBON	47K	5%	1/4W	
R234 R235	1-249-409-11 1-249-413-11	CARBON CARBON	220 470		1/4W 1/4W		R299 R301 R302		CARBON CARBON	470 47 47K	5% 5% 5%	1/4W	F
R236 R237 R238	1-249-405-11 1-249-409-11 1-249-435-11	CARBON CARBON CARBON	100 220 33K	5% 5% 5% 5%	1/4W 1/4W 1/4W		R303	1-249-415-11	CARBON	680 680	5% 5%	1/4W 1/4W	
R239 R240	1-249-440-11 1-249-422-11	CARBON CARBON	82K 2.7K	5% 5%	1/4W 1/4W		R305 R306	1-249-415-11 1-247-883-00	CARBON CARBON	680 150K	5% 5%	1/4W 1/4W 1/4W	
R241 R242	1-249-433-11 1-247-854-11	CARBON CARBON	22K 9.1K	5% 5%	1/4W 1/4W		1	1-249-411-11	CARBON	330 27K	5% 5%	1/4W	
R243 R244 R245	1-249-430-11 1-249-423-11 1-249-426-11	CARBON CARBON CARBON	12K 3.3K 5.6K	5% 5% 5% 5%	1/4W 1/4W 1/4W		R309 R310 R311	1-249-409-11 1-249-423-11 1-247-872-11	CARBON CARBON CARBON	220 3.3K 51K	5% 5%	1/4W 1/4W 1/4W	
R246 R247	1-249-429-11 1-249-431-11	CARBON CARBON	10K 15K	5% 5% 5%	1/4W 1/4W		R312 R313	1-249-421-11 1-249-425-11	CARBON CARBON	2.2K 4.7K	5% 5% 5%	1/4W 1/4W	
R248 R249	1-249-421-11 1-249-437-11	CARBON CARBON	2.2K 47K	5% 5% 5%	1/4W 1/4W		R314 R315	1-249-435-11 1-249-419-11	CARBON	33K 1.5K	5% 5%	1/4W 1/4W	
R250 R251	1-247-885-00 1-249-426-11	CARBON	180K 5.6K		1/4W		R316 R317 R318	1-249-419-11 1-247-711-11 1-249-407-11	CARBON CARBON CARBON	1.5K 680 150	5% 5%	1/4W 1/4W 1/4W	
R252 R253 R254	1-249-428-11 1-249-423-11 1-249-429-11	CARBON CARBON CARBON	8.2K 3.3K 10K	5% 5% 5%	1/4W 1/4W 1/4W		R319 R322	1-249-413-11 1-249-427-11	CARBON CARBON	470 6.8K	5% 5%	1/4W 1/4W	
R255 R256	1-249-417-11	CARBON CARBON	1K 8.2K	5% 5%	1/4W		R324 R325 R326	1-247-711-11 1-249-429-11 1-249-424-11	CARBON CARBON CARBON	680 10K 3.9K	5% 5% 5%	1/4W 1/4W 1/4W	
R258 R259	1-249-421-11 1-249-428-11	CARBON CARBON	2.2K 8.2K	5% 5% 5%	1/4W 1/4W		R328	1-249-420-11	CARBON	1.8K	5%	1/4W	
R260 R261	1-249-439-11 1-249-429-11	CARBON CARBON	68K 10K	5% 5%	1/4W 1/4W			1-249-424-11 1-249-438-11 1-249-430-11		3.9K 56K 12K	5% 5% 5%	1/4W 1/4W 1/4W	
R262 R263 R264	1-249-441-11 1-249-429-11 1-249-439-11	CARBON CARBON CARBON	100K 10K 68K	5% 5% 5%	1/4W 1/4W 1/4W		R349	1-249-429-11	CARBON	10K	5%	1/4W	
R265 R266	1-249-429-11 1-249-429-11		10K 10K	5% 5%	1/4W 1/4W		BV101		IABLE RESI		20		
R267 R268	1-249-439-11 1-249-439-11	CARBON CARBON	68K 68K	5% 5%	1/4W 1/4W		RV101 RV103 RV104	1-228-722-00 1-228-725-00	RES, ADJ, RES, ADJ, RES, ADJ,	CARBON 3 CARBON 2	. 3K 2K		
R269 R270 R271	1-249-429-11 1-249-415-11 1-249-469-11	CARBON CARBON CARBON	10K 680 100K	5% 5% 5%	1/4W 1/4W 1/4W		RV105 RV106	1-228-725-00 1-228-722-00	RES, ADJ, RES, ADJ,	CARBON 3	. 3K		
R272 R273	1-249-467-11	CARBON SOLID	68K 2.2M	5% 5% 5%	1/4W 1/4W		RV107 RV108 RV109	1-228-724-00 1-228-723-00 1-228-723-00	RES, ADJ, RES, ADJ, RES, ADJ,	CARBON 4	.7K		
R274 R275	1-202-463-00 1-249-465-11 1-249-429-11	CARBON CARBON	47K 10K	5%	1/4W 1/4W		RV110 RV111	1-228-719-00 1-228-727-00	RES, ADJ, RES, ADJ,	CARBON 4	70		
R276 R277	1-249-431-11	CARBON CARBON	15K 820	5% 5%	1/4W			<swi< td=""><td>TCH></td><td></td><td></td><td></td><td></td></swi<>	TCH>				
R278 R279 R280	1-249-421-11 1-247-726-11 1-249-437-11	CARBON CARBON CARBON	2.2K 33K 47K	5% 5% 5%	1/4W 1/4W 1/4W		S1 S2	1-553-725-00 1-553-725-00	SWITCH, S	LIDE LIDE			
R281	1-249-431-11	CARBON	15K	5%	1/4W	E	\$3	1-553-725-00					
R282 R283 R284	1-249-421-11 1-249-425-11 1-249-428-11	CARBON CARBON CARBON	2.2K 4.7K 8.2K	5% 5% 5%	1/8W 1/4W 1/4W	ľ			NSFORMER>				
R285	1-249-423-11	CARBON	3.3K	5%	1/4₩		† T101	1-408-513-00	COIL (VAR	I ABLE)			

PVM-1371QM



The components identified by shading and mark A are critical for safety.
Replace only with part number specified.

REF.NO. PART NO.	DESCRIPTION		REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
T102 1-409-193-00 T103 1-409-193-00 T104 1-404-081-00 T201 1-404-146-00 T202 1-408-532-00	COIL 3.58MHZ COIL 3.58MHZ TRANSFOMER, DITRANSFORMER COIL, VARIABLI	TRAP TRAP ELAY ADJUST E		C648 A C649 A C650 A	1-124-494-00 1-161-742-12 1-161-742-12 1-130-712-11 1-101-004-00	CERAMIC 0.0022MF 20% CERAMIC 0.0022MF 20% FILM 0.47MF 20%	400V 250V
T203 [1-408-532-00 T204 [1-408-513-00	COIL, VARIABLI COIL (VARIABLI	E		C657 C658	1-101-004-00 1-108-700-11	CERAMIC 0.01MF MYLAR 0.047MF 10%	50V 50V 200V
<the< td=""><td>CRMISTOR></td><td></td><td></td><td>C659</td><td>1-102-820-00 1-101-004-00</td><td>CERAMIC 0.01MF</td><td>50V 50V</td></the<>	CRMISTOR>			C659	1-102-820-00 1-101-004-00	CERAMIC 0.01MF	50V 50V
TH101 1-800-070-99 TH201 1-800-069-99		-4700			. 1-162-578-12 . 1-162-578-12	CERAMIC 0.0047MF 20% CERAMIC 0.0047MF 20%	400 V
<cry< td=""><td>STAL></td><td></td><td></td><td></td><td><010</td><td>DE></td><td></td></cry<>	STAL>				<010	DE>	
	OSCILLATOR, CI	RYSTAL		D601 D602 D603	8-719-110-49 8-719-911-55	DIODE U05G	
**************************************			**********	D604 D605	8-719-901-58 8-719-901-58	DIODE RGP15J DIODE RGP15J	
<cap< td=""><td>F BOARD, COMPI</td><td>****</td><td></td><td>D606 D607 D608 D609 D610</td><td>8-719-200-02 8-719-300-76 8-719-109-93 8-719-901-83 8-719-110-57</td><td>DIODE 10E2 DIODE RH-1A DIODE RD6.2ES-B2 DIODE 1SS83 DIODE RD22ES-B2</td><td></td></cap<>	F BOARD, COMPI	****		D606 D607 D608 D609 D610	8-719-200-02 8-719-300-76 8-719-109-93 8-719-901-83 8-719-110-57	DIODE 10E2 DIODE RH-1A DIODE RD6.2ES-B2 DIODE 1SS83 DIODE RD22ES-B2	
C600 A. 1-130-712-11 *4-316-137-00	COVER, CAPACIT	FOR: C600		D611	8-719-901-83	DIODE 15583	
C602 A. 1-108-777-62 C603 A. 1-161-973-12	CERAMIC	0.022MF 20% 220PF 10%	300V	D612 D613 D614 D615	8-719-971-20	DIODE ERD29-08J DIODE ERC38-06 DIODE ERC38-06 DIODE ERC81-004	
C604 A. 1-161-973-12 C605 A. 1-162-578-12 C606 A. 1-162-578-12 C607 A. 1-161-738-12 C608 A. 1-161-738-12	CERAMIC (CERAMIC (CERAMIC (220PF 10% 0.0047MF 20% 0.0047MF 20% 0.0047MF 20% 0.0047MF 20%	400V 400V 400V	D616	8-719-981-00	DIODE ERC81-004 NECTOR>	
C609 A. 1-161-738-12 C610 A. 1-161-738-12 4-875-455-01 C611 1-125-380-11 C612 1-123-335-00	CERAMIC COVER (DIA. 20 ELECT(BLOCK)	0.0047MF 20% 0.0047MF 20% 0), CAPACITOR; 130MF 330MF 20%	400V	F2 F3 F4	*1-506-348-99 *1-508-765-00 *1-560-290-00	PIN. CONNECTOR 3P PIN. CONNECTOR 3P PIN. CONNECTOR (5MM PITCH) 3P PLUG, CONNECTOR (2.5MM PITCH) PLUG. CONNECTOR (2.5MM PITCH)	
C613 1-136-065-00 C614 1-124-557-11 C615 1-123-356-00	ELECT 1	0.0027MF 3% 1000MF 20% 10MF 20%	2KV 25V 16V	F8 :		PLUG, CONNECTOR (2.5MM) 3P	
C616 1-123-381-00 C617 1-102-125-00	ELECT 2 CERAMIC C	2.2MF 20% 0.0047MF 10%	50V 50V	F601 A	<fus< td=""><td>E> FUSE, TIME-LAG 5A/250V</td><td>Trivo di/Resion</td></fus<>	E> FUSE, TIME-LAG 5A/250V	Trivo di/Resion
C619 1-106-351-00 C621 1-123-356-00 C622 1-101-006-00 C623 1-102-820-00	ELECT 1 CERAMIC (0.0022MF 10% 10MF 20% 0.047MF 330PF 5%	100V 16V 50V 50V	роот <u>д</u>		HOLDER, FUSE; F601	िम्तास्त्रिक्षां क्षणः तृतः
C624 1-123-381-00	ELECT 2	2.2MF 20%	50V	10601	8-759-100-75	1C UPC1394C	
C625 1-123-380-00 C626 1-162-115-00	CERAMIC	MF 20% 330PF 10%	50V 1KV		C011		
C627 1-124-494-00 C628 1-124-494-00 C629 1-123-360-00	ELECT 3	33MF 33MF 100MF 20%	160V 160V 50V	L601	<011 1-408-225-00		
C630 1-126-104-11 C631 1-126-104-11 C632 1-126-103-11 C635 1-102-123-00	ELECT 4 ELECT 4	170MF 20% 170MF 20% 170MF 20% 170MF 10%	25V 25V 16V 50V	L602 L603	1-407-365-00 1-408-111-00 1-459-155-00 1-459-155-00	COIL, CHOKE (HIGH FREQUENCY) INDUCTOR 3.3UH COIL (WITH CORE) 45UH COIL (WITH CORE) 45UH	
C640 A. 1-161-973-12	CERAMIC 2	220PF 10%	400V	L612 L 613	1-459-155-00 1-408-111-00	COIL (WITH CORE) 45UH INDUCTOR 3.3UH	
*4-374-846-11 C643 1-123-333-00 C644 1-123-334-00	ELECT 1	OR, CAP TYPE; (100MF 20% 220MF 20%	C640 16V 25V		∠TD A1	NSISTOR>	
C645 1-123-334-00 C646 1-123-359-00	ELECT 2	220MF 20% 17MF 20%	25V 50V	Q601		TRANSISTOR 2SD841	

The components identified by shading and mark A are critical for safety.

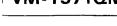
Replace only with part number

specified.

• * : Selected to yield optimum performance.



REF. NO	. PART NO.	DESCRIPTION				REMARK	REF. NO.	PART NO.	DESCRIPTION		J	REMARK
Q603 Q604 Q605	8-729-313-82 *4-347-706-00 8-729-140-96 8-729-140-96 8-729-802-74	HEAT SINK (TR TRANSISTOR 2S TRANSISTOR 2S); 060; D774-3; D774-3;	4			RV601	1-224-249-99				
Q 606	*4-367-204-00 8-729-140-96	SPACER, MICA; HOLDER (REG O' TRANSISTOR 2S	UT). TI		RMER;	Q605	T601 / T602 / T603 / T604 /	A. 1-421-352-11 A. 1-421-352-11 A. 1-421-691-11 A. 1-421-678-11	NSFORMER> TRANSFORMER, TRANSFORMER, SRT TRANSFORMER,	FERRITE FERRITE PULS		
- R601°			470K	107	1/20			<thf< td=""><td>RMISTOR></td><td></td><td></td><td></td></thf<>	RMISTOR>			
R602 R603 R604 R605	★. 1-202-846-11 ★. 1-247-289-11 1-214-921-00 1-215-896-00 1-247-753-11	CARBON CARBON METAL OXIDE CARBON	8.2M 220K 4.7K 1.2K	5% 5% 5% 5%	1W 1/2W 2W 1/2W	F	TH601 THP60 THP602	↑ 1-800-820-12 1↑ 1-800-665-11 2 1-806-449-11	THERMISTOR, THERMISTOR	POWER (POSITIVE)		
R606 R607 R608 R609A R609B		METAL OXIDE CARBON WIREWOUND METAL OXIDE METAL OXIDE	47 82 0.27 1.5K 1.8K	5% 5% 10% 5%	2W 1/4W 2W 3W 3W	F F F	*****	*1-613-847-11	F2 BOARD			*******
R610A		METAL OXIDE	1.5K	5%	3₩	F	1	*1-564-315-00	PIN ASSY, BO	ARD TO BOARI	7P	
R610B R611	1-215-870-11	METAL OXIDE	1.8K 1.5K	5% 5% 5% 5%	3₩ 1₩	F F		<cap< td=""><td>ACITOR></td><td></td><td></td><td></td></cap<>	ACITOR>			
R612 R613	1-247-870-11 1-249-411-11	CARBON CARBON	43K 330	5%	1/4W 1/4W		C655	1-123-381-00	ELECT	2.2MF	20%	50 V
R614 R615 R616 R618 R619	1-215-437-00 1-215-437-00 1-249-423-11 1-247-881-00 1-247-895-00	METAL METAL CARBON CARBON CARBON	4.7K 4.7K 3.3K 120K 470K	1% 1% 5% 5%	1/6W 1/6W 1/4W 1/4W 1/4W		D617 D620	<pre><d10 <="" pre=""> <pre>8-729-101-31 </pre> <pre>8-719-110-17</pre></d10></pre>	TRANSISTOR N			
R620 R621 R622 R624 R625	1-249-434-11 1-249-429-11 1-215-440-00 1-215-456-00 1-249-429-11	CARBON CARBON METAL METAL CARBON	27K 10K 6.2K 30K 10K	5% 5% 1% 1% 5%	1/4W 1/4W 1/6W 1/6W 1/4W		Q609	<tra 8-729-119-78</tra 	NSISTOR> TRANSISTOR 2	SC2785-HFE		
R626 R627	1-249-405-11 1-249-437-11	CARBON CARBON	100 47K	5%	1/4W 1/4W			<res< td=""><td>ISTOR></td><td></td><td></td><td></td></res<>	ISTOR>			
R628 R629 R630	1-249-417-11 1-249-416-11 1-249-409-11	CARBON CARBON	1K 820 220	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W		R655 R656 R657 R658		METAL OXIDE CARBON CARBON CARBON	100K 5% 10K 5% 100 5% 150K 5%	2W 1/4W 1/4W 1/4W	F
R631 R632	1-215-902-11 1-249-405-11	METAL OXIDE CARBON	47K 100	5% 5%	1W 1/8W	F	*****	**********	*******	*********	*****	*****
* R640 * R640 * R640	1-215-456-00 1-215-457-00 1-215-458-00	METAL METAL	30K 33K 36K	1%	1/6W 1/6W 1/6W			*A-1275-057-A	*********	****		
* R640 * R640 * R640 * R640 * R640	1-215-459-00 1-215-460-00 1-215-461-00 1-215-462-00 1-215-463-00	METAL METAL METAL METAL METAL	39K 43K 47K 51K 56K	1% 1% 1% 1% 1%	1/6W 1/6W 1/6W 1/6W 1/6W			1-536-843-11 4-603-275-00		RD, INPUT/OUT	PUT (B)	
R643	1-216-341-11	METAL OXIDE	0.22	5%	1W	F	C401	1-108-614-11		0.001MF	10%	100V
R644 R645 R646 R647	1-217-418-00 1-216-345-11 1-216-345-11 1-216-341-11	FUSIBLE METAL OXIDE METAL OXIDE METAL OXIDE	0. 47 0. 47 0. 47 0. 22	10% 5% 5% 5%	1/2W 1W 1W 1W	F F F	C402 C403 C405 C407	1-123-356-00 1-102-949-00 1-123-380-00 1-123-356-00	ELECT CERAMIC ELECT ELECT	10MF 12PF 1MF 10MF	20% 5% 20% 20%	25V 50V 50V 25V
R648 R649 R650 R660 R670	1-202-841-00 1-247-881-00 1-249-417-11 1-247-692-11 1-249-409-11	SOLID SOLID CARBON CARBON CARBON	180K 120K 1K 22 220	10% 10% 5% 5% 5%	1/2W 1/4W 1/4W 1/4W 1/4W	F	C408 C410 C412 C413 C415	1-102-949-00 1-123-380-00 1-123-356-00 1-102-949-00 1-123-380-00	CERAMIC ELECT ELECT CERAMIC ELECT	12PF 1MF 10MF 12PF 1MF	5% 20% 20% 5% 20%	50V 50V 25V 50V 50V
R671	1-249-417-11	CARBON	1K	5%	1/4W		C417 C419 C420	1-123-332-00 1-108-634-11 1-123-380-00	ELECT Mylar Elect	47MF 0.047MF 1MF	20% 10% 20%	25V 100V 50V



The components identified by shading and mark \triangle are critical for safety.
Replace only with part number specified.

REPAIR PART NO. DESCRIPTION REMARK REPAIR REPAIR REPAIR REPAIR REMARK REPAIR REP	4	4																																																														
Color		REF.NO.	PART NO.				REMARK	REF. NO.	PART NO.			REMARK																																																				
1-12-6-57-00		C423 C424 C426	1-123-380-00 1-126-103-11 1-124-657-00	ELECT ELECT ELECT	1MF 470MF 10MF	20% 20% 20%	50V 16V 50V	D415 D416	8-719-911-19 8-719-911-19	DIODE 188119 DIODE 188119																																																						
C436		C430 C432 C433	1-124-657-00 1-123-332-00 1-123-356-00	ELECT ELECT ELECT	10MF 47MF 10MF	20% 20% 20%	50V 25V 25V	D419 D420 D422	8-719-109-93 8-719-911-19 8-719-109-93	DIODE RD6.2E DIODE 1SS119 DIODE RD6.2E	S-B2 S-B2																																																					
C444 1-108-63-11 MYLAR 0.047MF 10X 100V 1045 8-719-911-19 10DBE ISS119		C435 C436 C437 C438	1-123-332-00 1-101-006-00 1-124-657-00 1-123-369-00	ELECT CERAMIC ELECT ELECT	47MF 0.047MF 10MF 4.7MF	20%	25V 50V 50V 25V	D425 D426 D427	8-719-109-93 8-719-109-93 8-719-109-93	DIODE RD6.2E DIODE RD6.2E DIODE RD6.2E	S-82 S-82 S-82																																																					
C452 1-123-382-00 ELECT 0.47MF 20X 50V C453 1-10-08-60-00 CERANIC 0.047MF 50V C459 1-10-28-60-00 CERANIC 0.047MF 5X 50V C459 1-10-28-60-00 CERANIC 0.047MF 5X 50V C461 1-102-80-00 CERANIC 0.047MF 5X 50V C462 1-123-332-00 ELECT 47MF 20X 25V C463 1-123-332-00 ELECT 47MF 20X 25V C464 1-123-332-00 ELECT 47MF 20X 25V C465 1-101-006-00 CERANIC 0.047MF 50V C466 1-123-332-00 ELECT 47MF 20X 25V C467 1-101-006-00 CERANIC 0.047MF 50V C468 1-101-006-00 CERANIC 0.047MF 50V C468 1-101-006-00 CERANIC 0.047MF 50V C469 1-123-332-00 ELECT 47MF 20X 25V C490 1-123-332-00 ELECT 47MF 20X 25V C490 1-123-332-00 ELECT 47MF 20X 25V C491 1-123-332-00 ELECT 47MF 20X 25V C492 1-123-332-00 ELECT 47MF 20X 25V C493 1-101-006-00 CERANIC 0.047MF 50V C494 1-108-626-11 MYLAR 0.01MF 10X 100V C495 1-101-006-00 CERANIC 150PF 5X 50V C494 1-108-626-11 MYLAR 0.01MF 10X 100V C495 1-101-006-00 CERANIC 150PF 5X 50V C494 1-108-626-11 MYLAR 0.01MF 10X 100V C495 1-101-006-00 CERANIC 150PF 5X 50V C494 1-108-626-11 MYLAR 0.01MF 10X 100V C497 1-123-336-00 ELECT 47MF 20X 25V C498 1-19-10-30-00 CERANIC 2.5MM 10P C490 1-123-332-00 ELECT 47MF 20X 25V C491 1-123-332-00 ELECT 47MF 20X 25V C491 1-123-332-00 ELECT 47MF 20X 25V C492 1-123-332-00 ELECT 47MF 20X 25V C493 1-101-361-00 CERANIC 150PF 5X 50V C494 1-108-626-11 MYLAR 0.01MF 10X 100V C495 1-101-006-00 CERANIC 150PF 5X 50V C496 1-129-131-19 DIDBE ISS119 C400 8-759-199-61 ERANIC SINSTRUB 25A1175-HFE C401 8-19-911-19 DIDBE ISS119 C401 8-19-911-19 DIDBE ISS119 C401 8-19-911-19 DIDBE ISS119 C401 8-19-911-19 DIDBE ISS119 C402 8-19-911-19 T TARNISITOR 25C2785-HFE C403 8-19-911-19 DIDBE ISS119 C404 8-729-119-76 TRANSISTOR 25C2785-HFE C405 8-19-911-19 DIDBE ISS119 C406 8-79-119-78 TRANSISTOR 25C2785-HFE C407 8-19-10-19-30 DIDBE B0C-255-B2 C408 8-79-119-79 TRANSISTOR 25C2785-HFE C409 8-79-119-79 TRANSISTOR 25C2785-HFE C409 8-79-119-79 TRANSISTOR 25C2785-HFE C409 8-79-119-19 TRANSISTOR 25C2785-HFE C401 8-79-119-19 DIDBE ISS		C443 C444	1-108-634-11 1-108-626-11	MYLAR MYLAR	0.047MF 0.01MF	10%	100V 100V	D436	8-719-911-19	DIODE 188119																																																						
C453		C447 C448	1-123-379-00 1-123-379-00	ELECT ELECT	0.47MF 0.47MF	20%	50V 50V					and the second																																																				
C463		C455 C457 C459	1-101-006-00 1-102-820-00 1-102-820-00	CERAMIC CERAMIC CERAMIC	0.047MF 330PF 330PF	5% 5%	50V 50V 50V	1	1-533-087-00 1-532-279-11 1-533-087-00	HOLDER, FUSE; FUSE, TIME-L HOLDER, FUSE;	F402 AG 0.5A/250V																																																					
C499 1-108-626-11 WYLAR 0.01MF 10% 100V C490 1-123-332-00 ELECT 47MF 20% 25V C490 1-123-332-00 ELECT 47MF 20% 25V C491 1-123-332-00 ELECT 47MF 20% 25V C491 1-123-332-00 ELECT 47MF 20% 25V C492 1-123-332-00 ELECT 47MF 20% 25V C492 1-123-332-00 ELECT 47MF 20% 25V C492 1-123-332-00 ELECT 47MF 20% 25V C494 1-108-626-11 WYLAR 0.01MF 10% 100V C495 1-101-006-00 EERAMIC 0.047MF 50V C494 1-108-626-11 WYLAR 0.01MF 20% 25V C497 1-123-356-00 ELECT 10MF 20% 25V C497 1-123-356-00 ELECT 10MF 20% 25V C497 1-123-356-00 ELECT 10MF 20% 25V CC0IL> CCONNECTOR>		C463 C464 C466 C467	1-123-356-00 1-123-332-00 1-123-332-00 1-101-006-00	ELECT ELECT ELECT CERAMIC	47MF 47MF 0.047MF	20% 20%	25V 25V 50V	1C402 1C403 1C404	8-752-201-90 8-759-900-09 8-759-901-36 8-759-900-08	IC CX22019 IC SN74LS09N IC SN74LS136 IC SN74LS08N	i I																																																					
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CONNECTOR CONNECTOR CONNECTOR 25P		C494 C495	1-108-626-11 1-101-006-00	MYLAR CERAMIC	0.01MF 0.047MF	10%	100V 50V	1	8-759-982-13	IC RC7812FA																																																						
CN407 *1-562-243-00 CONNECTOR 25P L403 1-408-408-00 INDUCTOR 8.2UH			4CON	NP CTOP >				1.401			0 21111																																																					
\$\frac{4}{4} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		Q1 Q2	*1-562-243-00 *1-560-124-00 *1-560-124-00	CONNECTOR 25 PLUG, CONNEC PLUG, CONNEC	TOR (2.5MM) TOR (2.5MM)	4P 4P		L402 L403	1-408-408-00 1-408-408-00	INDUCTOR INDUCTOR	8.2UH 8.2UH																																																					
#1-560-128-00 PLUG, CONNECTOR (2.5MM PITCH) #1-560-128-00 PLUG, CONNECTOR (2.5MM PITCH) #1-560-128-00 PLUG, CONNECTOR (2.5MM PITCH) #1-560-128-00 PLUG, CONNECTOR (2.5MM PITCH) #1-560-128-00 PLUG, CONNECTOR (2.5MM PITCH) #1-560-128-00 PLUG, CONNECTOR (2.5MM PITCH) #1-560-128-00 PLUG, CONNECTOR (2.5MM PITCH) #1-560-128-00 PLUG, CONNECTOR (2.5MM PITCH) #1-560-128-00 PLUG, CONNECTOR (2.5MM PITCH) #1-560-128-00 PLUG, CONNECTOR (2.5MM PITCH) #1-560-128-00 PLUG, CONNECTOR (2.5MM PITCH) #1-560-128-00 PLUG, CONNECTOR (2.5MM PITCH) #1-560-128-00 PLUG, CONNECTOR (2.5MM PITCH) #1-560-128-00 PLUG, CONNECTOR (2.5MM PITCH) #1-560-128-00 PLUG, CONNECTOR (2.5MM PITCH) #1-560-128-00 PLUG, CONNECTOR (2.5MM PITCH) #1-560-128-00 PLUG, CONNECTOR (2.5MM PITCH) #1-560-128-00 PLUG, CONNECTOR (2.5MM PITCH) #1-560-128-00 PLUG, CONNECTOR (2.5MM PITCH) #1-560-128-00 PLUG, CONNECTOR (2.5MF) PLUG (2.5MM PITCH) #1-560-128-00 PLUG, CONNECTOR (2.5MF) PLUG (2.5MM PITCH) #1-560-128-00 PLUG, CONNECTOR (2.5MF) PLUG (2.5MM PITCH) #1-560-128-00 PLUG, CONNECTOR (2.5MF) PLUG (2.5MM PITCH) #1-560-128-00 PLUG, CONNECTOR (2.5MF) PLUG (2.5MM PITCH) #1-50-119-76 TRANSISTOR 2SC2785-HFE #1-560-128-00 PLUG, CONNECTOR (2.5MM PITCH) #1-50-119-76 PLUG (2.5MF) PLUG (2.5MF) #1-50-119-76 PLUG (2.5MF) PLUG (2.5MF) #1-50-119-76 PLUG (2.5MF) PLUG (2.5MF) #1-50-119-76 PLUG (2.5MF) PLUG (2.5MF) #1-50-119-76 PLUG (2.5MF) PLUG (2.5MF) #1-50-119-76 PLUG (2.5MF) PLUG (2.5MF) #1-50-119-76 PLUG (2.5MF) PLUG (2.5MF) #1-50-119-76 PLUG (2.5MF) PLUG (2.5MF) #1-50-119-76 PLUG (2.5MF) PLUG (2.5MF) #1-50-119-76 PLUG (2.5MF) PLUG (2.5MF) #1-50-119-76 PLUG (2.5MF) PLUG (2.5MF) #1-50-119-76 PLUG (2.5MF) PLUG (2.5MF) #1-50-119-76 PLUG (2.5MF) PLUG (2.5MF) #1-50-119-76 PLUG (2.5MF) PLUG (2.5MF) #1-50-119-76 PLUG (2.5MF) #1-50-119-76 PLUG (2.5MF) #1-50-119-76 PLUG (2.5MF) #1-50-119-76 PLUG (2.5MF) #1-50-119-76 PLUG (2.5MF) #1-50-119-76 PLUG (2.5MF) #1-50-119-76 PLUG (2.5MF) #1-50-119-76 PLUG (2.5MF) #1-50-119-76 PLUG (2.5MF) #1-50-119-76 PLU		Q3 Q4	*1-560-224-00 *1-560-125-00	PLUG, CONNEC PLUG, CONNEC	TUR (2.5MM) TOR (2.5MM)	10P 5P			<tr <="" td=""><td>ANSISTOR></td><td></td><td></td></tr> <tr><td>D407 8-719-101-93 D100E RDG. 2ES-B2 Q412 8-729-119-76 TRANSISTOR 2SC2785-HFE D409 8-719-911-19 D10DE ISS119 Q414 8-729-119-76 TRANSISTOR 2SC2785-HFE D410 8-719-911-19 D10DE ISS119 Q415 8-729-119-78 TRANSISTOR 2SC2785-HFE</td><td></td><td>Q5 Q7</td><td>*1-560-128-00</td><td>PLUG, CONNEC</td><td>TOR (2.5MM I</td><td>PITCH)</td><td></td><td>Q402 Q403 Q404</td><td>8-729-119-78 8-729-119-76 8-729-119-78</td><td>TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2</td><td>2SC2785-HFE 2SA1175-HFE 2SC2785-HFE</td><td></td></tr> <tr><td>D407 8-719-101-93 D100E RDG. 2ES-B2 Q412 8-729-119-76 TRANSISTOR 2SC2785-HFE D409 8-719-911-19 D10DE ISS119 Q414 8-729-119-76 TRANSISTOR 2SC2785-HFE D410 8-719-911-19 D10DE ISS119 Q415 8-729-119-78 TRANSISTOR 2SC2785-HFE</td><td></td><td>D402 D403 D404</td><td>8-719-911-19 8-719-911-19 8-719-109-93</td><td>DIODE 188119 DIODE 188119 DIODE RD6.2E</td><td>S-B2 S-B2</td><td></td><td></td><td>Q407 Q408 Q409</td><td>8-729-119-76 8-729-173-36 8-729-119-78</td><td>TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2</td><td>2SA1175-HFE 2SA733-Q 2SC2785-HFE</td><td></td></tr> <tr><td>D411 8-719-911-19 DIODE 1SS119 Q416 8-729-119-78 TRANSISTOR 2SC2785-HFE Q412 8-719-911-19 DIODE 1SS119 Q417 8-729-119-78 TRANSISTOR 2SC2785-HFE</td><td></td><td>D407 D408 D409</td><td>8-719-109-93 8-719-911-19 8-719-911-19</td><td>DIODE RD6.2E DIODE 1SS119 DIODE 1SS119</td><td>.5-82))</td><td></td><td></td><td>Q412 Q413 Q414</td><td>8-729-119-78 8-729-119-78 8-729-119-76</td><td>TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2</td><td>2SC2785-HFE 2SC2785-HFE 2SA1175-HFE</td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Q416 Q417</td><td>8-729-119-78 8-729-119-78</td><td>TRANSISTOR 2</td><td>2SC2785-HFE 2SC2785-HFE</td><td></td></tr>	ANSISTOR>			D407 8-719-101-93 D100E RDG. 2ES-B2 Q412 8-729-119-76 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REF.NO. PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION				REMARK
Q418 8-729-119-76 Q419 8-729-119-78 Q420 8-729-119-78 Q421 8-729-119-78 Q422 8-729-119-78	DESCRIPTION		R406 R407 R408 R409 R410		CARBON CARBON CARBON CARBON CARBON			1/4W 1/4W 1/4W 1/4W 1/4W	
Q423 8-729-119-78 Q424 8-729-119-76 Q425 8-729-119-78 Q426 8-729-119-78 Q429 8-729-119-78	TRANSISTOR 2SC2785-HFE TRANSISTOR 2SA1175-HFE TRANSISTOR 2SC2785-HFE TRANSISTOR 2SC2785-HFE TRANSISTOR 2SC2785-HFE		R411 R412 R413 R414 R415		CARBON CARBON CARBON CARBON CARBON			1/4W 1/4W 1/4W 1/4W 1/4W	·
Q430 8-729-119-76 Q431 8-729-119-78 Q433 8-729-119-76 Q434 8-729-119-76 Q435 8-729-119-76	TRANSISTOR 2SA1175-HFE TRANSISTOR 2SCA1175-HFE TRANSISTOR 2SA1175-HFE TRANSISTOR 2SA1175-HFE TRANSISTOR 2SA1175-HFE		R416 R417 R418 R419 R420	1-247-713-11 1-247-878-00 1-249-418-11 1-249-434-11 1-249-428-11	CARBON CARBON CARBON CARBON CARBON	1K 91K 1.2K 27K 8.2K	55% 55% 55% 55%	1/4W 1/4W 1/4W 1/4W 1/4W	
Q442 8-729-119-78 Q443 8-729-119-78 Q444 8-729-119-78 Q445 8-729-119-76 Q446 8-729-119-76	TRANSISTOR 2SC2785-HFE TRANSISTOR 2SC2785-HFE TRANSISTOR 2SC2785-HFE TRANSISTOR 2SA1175-HFE TRANSISTOR 2SA1175-HFE TRANSISTOR 2SA1175-HFE		R421 R422 R423 R424 R425		CARBON CARBON CARBON CARBON CARBON			1/4W 1/4W 1/4W 1/4W 1/4W	
Q447 8-729-119-78 Q448 8-729-119-76 Q449 8-729-119-78 Q450 8-729-119-78 Q451 8-729-119-78	TRANSISTOR 2SC2785-HFE TRANSISTOR 2SC1175-HFE TRANSISTOR 2SC2785-HFE TRANSISTOR 2SC1785-HFE TRANSISTOR 2SC2785-HFE TRANSISTOR 2SC2785-HFE		R426 R427 R428 R429 R430	1-249-427-11 1-249-425-11 1-249-466-11 1-247-885-00 1-249-440-11	CARBON CARBON CARBON CARBON CARBON	6.8K 4.7K 56K 180K 82K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
Q452 8-729-119-76 Q453 8-729-119-78 Q454 8-729-119-76 Q455 8-729-119-78 Q456 8-729-119-78	TRANSISTOR 2SA1175-HFE TRANSISTOR 2SC2785-HFE TRANSISTOR 2SA1175-HFE TRANSISTOR 2SC2785-HFE TRANSISTOR 2SC2785-HFE		R431 R432 R433 R434 R435	1-249-437-11 1-249-427-11 1-249-425-11 1-249-405-11 1-249-441-11	CARBON CARBON CARBON CARBON CARBON	47K 6.8K 4.7K 100 100K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
Q457 8-729-119-76 <res< td=""><td>FRANSISTOR ZSAII/5-HFE</td><td></td><td>R436 R437 R438 R439</td><td>1-247-698-11 1-247-713-11 1-249-421-11</td><td>CARBON CARBON CARBON CARBON CARBON</td><td>68 1K 2.2K</td><td>5% 5% 5%</td><td>1/4W 1/4W 1/4W 1/4W</td><td></td></res<>	FRANSISTOR ZSAII/5-HFE		R436 R437 R438 R439	1-247-698-11 1-247-713-11 1-249-421-11	CARBON CARBON CARBON CARBON CARBON	68 1K 2.2K	5% 5% 5%	1/4W 1/4W 1/4W 1/4W	
R351 1-249-429-11 R352 1-249-409-11 R353 1-249-429-11 R354 1-249-409-11 R355 1-249-405-11	CARBON 10K 5% CARBON 220 5% CARBON 10K 5% CARBON 220 5% CARBON 10O 5%	1/4W 1/4W 1/4W 1/4W 1/4W	R442 R443 R444 R444	1-247-878-00 1-249-434-11 1-249-428-11 1-247-698-11 1-247-713-11	CARBON CARBON CARBON CARBON CARBON CARBON CARBON	91K 27K 8.2K 68	55 55555555	1/4W 1/4W 1/4W 1/4W 1/4W	
R356 1-247-711-11 R357 1-247-711-11 R358 1-249-415-11 R359 1-249-415-11 R361 1-247-711-11	CARBON 680 5% CARBON 680 5% CARBON 680 5% CARBON 680 5% CARBON 680 5%	1/4W 1/4W 1/4W 1/4W 1/4W	R446 R447 R448 R450	1-247-725-11 1-247-878-00 1-249-434-11	CARBON CARBON CARBON	10K 91K 27K	5% 5%	1/4W 1/4W 1/4W 1/4W	
R362 1-247-711-11 R364 1-249-415-11 R365 1-247-711-11 R366 1-247-704-11 R367 1-247-704-11	CARBON 680 5% CARBON 680 5% CARBON 680 5% CARBON 220 5% CARBON 220 5%	1/4W 1/4W 1/4W 1/4W 1/4W	R453 R454 R455	1-249-428-11 1-247-698-11 1-247-713-11 1-249-421-11 1-247-725-11	CARBON CARBON CARBON CARBON CARBON	8.2K 68 1K 2.2K 10K	5% 5% 5%	1/4W 1/4W 1/4W 1/4W	
R368 1-249-429-11 R369 1-249-409-11 R370 1-249-409-11 R371 1-249-423-11 R372 1-247-719-11	CARBON 10K 5% CARBON 220 5% CARBON 220 5% CARBON 3.3K 5% CARBON 3.3K 5%	1/4W 1/4W 1/4W 1/4W	R456 R458 R459 R460 R461 R462	1-247-878-00 1-249-434-11 1-249-428-11 1-247-700-11 1-249-421-11 1-249-417-11	CARBON CARBON CARBON CARBON CARBON CARBON	91K 27K 8.2K 100 2.2K 1K	5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	
R373 1-247-895-00 R374 1-249-437-11 R377 1-249-424-11 R378 1-249-429-11 R379 1-247-711-11	CARBON 470K 5% CARBON 47K 5% CARBON 3.9K 5% CARBON 10K 5% CARBON 680 5%	1/4W 1/4W 1/4W 1/4W 1/4W	R463 R465 R466 R467 R468	1-249-424-11 1-249-424-11 1-249-419-11 1-249-416-11 1-249-419-11	CARBON CARBON CARBON CARBON CARBON CARBON		5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R401 1-247-104-00 R402 1-247-713-11 R403 1-247-878-00 R404 1-249-418-11 R405 1-249-434-11	CARBON 75 5% CARBON 1K 5% CARBON 91K 5% CARBON 1.2K 5% CARBON 27K 5%	1/4W 1/4W 1/4W 1/4W 1/4W	R469 R470 R471 R472	1-249-411-11 1-249-416-11 1-249-419-11 1-249-411-11	CARBON CARBON CARBON CARBON	820 1.5K 330	5% 5%	1/4W 1/4W 1/4W 1/4W	

°VM-1371QM

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	REF. NO.	PART N	0.	DESCRIPTION				REMARK	REF.NO.	PART NO.	DESCRIPTION				REMARK
	R473 R474	1-249- 1-249-	416-11 425-11	CARBON CARBON	820 4.7K 8.2K	52	1/4W 1/4W		R1452	1-249-423-11		3.3K		1/4W	
	R475 R476 R477	1-249-	428-11 417-11 425-11	CARBON	8.2K 1K 4.7K	5%	1/4W 1/4W 1/4W		R1454	1-249-417-11 1-249-423-11 1-249-421-11	CARBON CARBON	1 K 3.3 K 2.2 K	5%	1/4W 1/4W 1/4W	
	R478 R479	1-249- 1-249-	425-11 425-11	CARBON CARBON	4.7K 4.7K	5% 5%	1/4W 1/4W		R1456 R1457	1-249-413-11 1-249-421-11	CARBON CARBON	470 2.2K	5% 5%	1/4W 1/4W	
	R480 R481 R482	1-247- 1-247-	698-11 717-11 421-11	CARBON CARBON	68	5% 5% 5%	1/4W 1/4W 1/4W		R1459	1-249-401-11 1-249-414-11 1-249-397-11	CARBON CARBON	47 560 22	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W	
	R483 R484	1-249-	405-11 429-11	CARBON CARBON			1/4W 1/4W		R1462	1-249-421-11 1-249-413-11	CARBON	2.2K 470		1/4W 1/4W	
	R485 R486 R487	1-247- 1-249-	878-00 434-11 428-11	CARBON CARBON CARBON	100 10K 91K 27K 8.2K	5% 5% 5%	1/4W 1/4W 1/4W		R1464 R1465	1-249-421-11 1-249-401-11 1-249-414-11	CARBON CARBON	2.2K 47 560	5% 5%	1/4W 1/4W 1/4W	
	R488 R489	1-247-	704-11 721-11	CARBON CARBON			1/4W 1/4W		R1467	1-249-397-11 1-249-421-11	CARBON	22 2.2 K	5% 5%	1/4W 1/4W	
	R490 R491 R492	1-249- 1-249-	419-11 421-11 416-11	CARBON CARBON CARBON	1.5K 2.2K 820	5% 5% 5% 5%	1/4W 1/4W 1/4W		R1469	1-249-413-11 1-249-421-11 1-249-401-11	CARBON CARBON	470 2.2K 47	5%%%%% 5%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%	1/4W 1/4W 1/4W	
	R493 R494	1-249-	411-11	CARBON CARBON	330 4.7K		1/4W 1/4W		R1472	1-249-414-11 1-249-397-11	CARBON	560 22	5%	1/4W 1/4W	
	R495 R496 R497	1-249- 1-249-	-433-11 -437-11 -429-11	CARBON CARBON CARBON	22K 47K 10K	5% 5% 5% 5%	1/4W 1/4W 1/4W		R1474 R1475	1-249-428-11 1-249-427-11 1-249-429-11	CARBON CARBON	8.2K 6.8K 10K	5777777	1/4W 1/4W 1/4W	
	R499 R661	1-247-	-411-11 -703-11	CARBON CARBON	330 180		1/4W 1/4W		R1477	1-249-409-11 1-249-409-11		220 220		1/4W 1/4W	
	R662 R663 R664	1-247-	-703-11 -703-11 -412-11	CARBON CARBON CARBON	180 180 390	5% 5% 5% 5%	1/4W 1/4W 1/4W		R1479	1-249-409-11 1-249-425-11 1-249-425-11	CARBON CARBON	220 4.7K 4.7K	5% 5%	1/4W 1/4W 1/4W	
	R665 R666	1-249-	-412-11 -412-11	CARBON CARBON	390 390	5% 5%	1/4W 1/4W		R1482	1-249-417-11 1-249-429-11	CARBON	1 K 1 O K	5% 5%	1/4W 1/4W	
	R1401 R1402 R1403	1-249-	-421-11 -417-11 -432-11	CARBON CARBON CARBON	2.2K 1K 18K	5% 5% 5% 5%	1/4W 1/4W 1/4W		R1484		CARBON CARBON	10K 10K 220	55555555555555555555555555555555555555	1/4W 1/4W 1/4W	
	R1404 R1405	1-249-	-424-11 -429-11	CARBON CARBON	3.9K 10K	5% 5%	1/4W 1/4W		R1487	1-247-704-11	CARBON CARBON	10K 220		1/4W 1/4W	
	R1406 R1413 R1414	1-247-	-423-11 -720-11 -708-11	CARBON	3.3K 3.9K 470	5% 5% 5% 5%	1/4W 1/4W 1/4W		R1489 R1490	1-247-704-11 1-247-725-11	CARBON	10K 220 10K	5% 5%	1/4W 1/4W 1/4W	
	R1417	1-249-	-722-11 -413-11	CARBON CARBON	5.6K 470		1/4W 1/4W		R1492	1-247-704-11	CARBON	220	5%	1/4W	
	R1419 R1420 R1421	1-249-	-419-11 -425-11 -417-11	CARBON CARBON CARBON	1.5K 4.7K 1K	5% 5% 5% 5%	1/4W 1/4W 1/4W		RV401	1-228-727-00	TABLE RESISTOR RES. ADJ. CAR	BON 47			
	R1423 R1432	1-249- 1-249-	-415-11 -429-11	CARBON CARBON	680 10K	5% 5%	1/4W 1/4W		RV402 RV403 RV404	1-228-725-00 1-228-725-00	RES, ADJ. CAR RES, ADJ. CAR RES, ADJ. CAR	IBON 22 IBON 22	2 K 2 K		
	R1433 R1434 R1435	1-249- 1-247-	-423-11 -848-11 -418-11	CARBON CARBON CARBON	3.3K 5.1K 1.2K	5% 5% 5% 5%	1/4W 1/4W 1/4W		RV405	1-228-725-00	RES, ADJ, CAR	RON 22	2K		
	R1436 R1437		-436-11 -429-11	CARBON CARBON	39K 10K	5% 5% 5%	1/4W 1/4W		S401		TCH> SWITCH, SLIDE				
	R1438 R1439 R1441	1-249- 1-249-	-426-11 -425-11 -433-11	CARBON CARBON CARBON	5.6K 4.7K 22K	5% 5% 5%	1/4W 1/4W 1/4W		\$402 \$403	1-553-725-00	SWITCH, SLIDE SWITCH, SLIDE	į			
	R1442 R1443	1-247	-901-11 -901-11	CARBON CARBON	820K 820K	5% 5% 5%	1/4W 1/4W				C1 BOARD, COP		*****	******	*** ****
	R1444 R1445 R1446	1-247 1-249	-901-11 -436-11 -435-11	CARBON CARBON CARBON	820K 39K 33K	5% 5% 5%	1/4W 1/4W 1/4W		1		SOCKET, PICTU	****	3 E		
	R1447 R1448	1-247	-885-00 -426-11	CARBON CARBON	180K 5.6K		1/4W 1/4W		i i l		NECTOR>				
		1-249	-421-11 -417-11	CARBON CARBON	2.2K 1K	5% 5% 5%	1/4W 1/4W		CI		PIN, CONNECTO	OR (5M)	PITC	H) 3P	

REF. NO	. PART NO.	DESCRIPTION			REMARK	!REF.NO.	PART NO.	DESCRIP T 101		:1	C	2 REMA	D
C2	*1-508-786-00			'CH) 2P		R721	1-216-485-11		5.6K	5%	3W	F	
		,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			R722	1-249-408-11	CARBON	180	5%	1/4₩		
C701	CAP 1-123-356-00	ACITOR>	10MF	20%	25 V	R723 R724 R725	1-249-391-11 1-247-838-00 1-247-694-11	CARBON CARBON CARBON	6.8 2K 33	5% 5% 5%	1/4W 1/4W 1/4W		
C703 C704	1-102-116-00 1-123-356-00	CERAMIC ELECT	680PF 10MF	10% 20%	50V 16V	R726 R727	1-214-917-00 1-202-824-00	CARBON SOLID	150K 3.3K	5% 10%	1/2W 1/2W		•
C705 C706	1-102-115-00 1-123-356-00	CERAMIC ELECT	560PF 10MF	10% 20%	50V 16V	R728 R729	1-202-824-00 1-202-824-00	SOLID SOLID	3.3K 3.3K	10% 10%	1/2W 1/2W		
C70 7 C70 8 C709		CERAMIC ELECT ELECT	680PF 10MF 4.7MF	10% 20%	50V 16V 250V	R730 R731 R732	1-202-815-11 1-202-719-00 1-202-722-00	SOLID SOLID SOLID	47K 1M 1.8M	10% 10%	1/2W 1/2W 1/2W		
C710 C711	1-108-704-11 1-102-038-00	MYLAR CERAMIC	0.1MF 0.001MF	10%	200V 500V	R733	1-202-719-00	SOLID	18	10%	1/2W		
C712 C713	1-129-722-00 1-123-356-00	FILM ELECT	0.047MF 10MF	20% 20%	630V 50V	R734 R735 R736	1-202-824-00 1-202-720-00 1-202-834-00	SOLID SOLID SOLID	3.3K 1.2M 27K	10% 10%	1/2W 1/2W 1/2W		
C714 C715 C716	1-162-116-00 1-162-116-00 1-161-754-00	CERAMIC CERAMIC CERAMIC	680PF 680PF 0.001MF	20% 10% 10%	2KV 1KV 2KV	R737	1-202-549-00 1-202-842-11	SOLID SOLID	100 220K	5% 10%	1/2W 1/2W		
0,10	<dio< td=""><td></td><td>01002</td><td>2010</td><td></td><td>1</td><td></td><td>IABLE RESIST</td><td></td><td>2 - 10</td><td>2, =</td><td></td><td></td></dio<>		01002	2010		1		IABLE RESIST		2 - 10	2, =		
D701	8-719-300-76					RV701	1-228-719-00			CARBON	470		
D702 D703	8-719-300-76	DIODE RH-1A DIODE RH-1A				RV702 RV703 RV704		RES, ADJ, CI RES, ADJ, CI RES, ADJ, CI	ERAMIC (ERAMIC (CARBON Carbon	4.7K 470		
	<c01< td=""><td>L></td><td></td><td></td><td></td><td>RV705</td><td>1-228-719-00</td><td>RES. ADJ, C</td><td>ERAMIC (</td><td>CARBON</td><td>470</td><td></td><td></td></c01<>	L>				RV705	1-228-719-00	RES. ADJ, C	ERAMIC (CARBON	470		
L701 L702	1-408-072-00 1-408-072-00	INDUCTOR INDUCTOR	47UH 47UH			RV706 RV707 RV708	1-228-723-00 1-228-719-00 1-228-723-00	RES, ADJ, CI RES, ADJ, CI RES, ADJ, CI	ERAMIC (CARBON	470		
L703 L704		INDUCTOR	47UH 47UH			RV709 RV710	1-228-719-00 1-228-723-00	RES, ADJ, CI	ERAMIC (CARBON	470		
	<tra< td=""><td>NSISTOR></td><td></td><td></td><td></td><td>RV711 RV712</td><td>1-228-719-00 1-228-723-00</td><td>RES. ADJ. CI</td><td>ERAMIC (</td><td>CARBON</td><td>4.7K</td><td></td><td></td></tra<>	NSISTOR>				RV711 RV712	1-228-719-00 1-228-723-00	RES. ADJ. CI	ERAMIC (CARBON	4.7K		
Q701 Q702	8-729-119-78	TRANSISTOR 2 TRANSISTOR 2				RV713 RV714	1-226-114-00 1-226-063-00	RES. ADJ. M RES, ADJ. C	ETAL GL/ ARBON 2.	AZE 2.1 2M	2M		
Q703	4-370-970-01 8-729-119-78	SPACER, TR; TRANSISTOR 2	Q702			*****	*********	********	******	*****	******	*****	***
Q704	8-729-119-80 4-370-970-01	TRANSISTOR 2 SPACER, TR;				f 	*1-613-038-11	C2 BOARD		. –			
Q705 Q706	8-729-119-78 8-729-119-80	TRANSISTOR 2 TRANSISTOR 2	2SC2785-HFE 2SC2688-LK			; ; (<con< td=""><td>NECTOR></td><td></td><td></td><td></td><td></td><td></td></con<>	NECTOR>					
	4-370-970-01	SPACER, IK;	4100				*1-560-129-00 *1-560-129-00						
2004		SISTOR>	0.011 58	4 (41)		1	CUI	TCU.					
R701 R702 R703	1-249-421-11 1-249-413-11 1-249-413-11	CARBON CARBON CARBON	2.2K 5% 470 5% 470 5% 27 5%	1/4W 1/4W 1/4W		S701	-554-974-11	TCH> SWITCH, SLII	DE				
R704 R705	1-249-398-11 1-216-485-11	CARBON METAL OXIDE	27 5% 5.6K 5%	1/4W 3W	F	*****	*******			*****	*****	*****	***
R706 R708	1-249-408-11 1-247-838-00	CARBON CARBON	180 5% 2K 5%	1/4W 1/4W		\$ 	*A-1345-762-A	D BOARD, CO			· ·		
R709 R710 R711	1-249-421-11 1-249-413-11 1-249-413-11	CARBON CARBON CARBON	2.2K 5% 470 5% 470 5%	1/4W 1/4W 1/4W		! !	<cap< td=""><td>ACITOR></td><td></td><td></td><td></td><td></td><td></td></cap<>	ACITOR>					
R712	1-249-398-11	CARBON	27 5%	1/4W		C503	1-102-121-00	CERAMIC	0.0022		10%	50 V	
R713 R714 R716	1-216-485-11 1-249-408-11 1-247-838-00	METAL OXIDE CARBON CARBON	180 5%	3W 1/4W 1/4W	F	C504 C505 C506	1-108-632-11 1-123-380-00 1-130-485-00	MYLAR ELECT MYLAR	0.033 1MF 0.015		10% 20% 5%	100V 50V 50V	
R717	1-249-421-11	CARBON	2.2K 5%	1/4W		C507	1-123-380-00	ELECT	IMF		20%	50 V	
R718 R719 R720	1-249-413-11 1-249-413-11 1-249-398-11	CARBON CARBON CARBON	470 5% 470 5% 27 5%	1/4W 1/4W 1/4W		C508 C509 C511	1-136-173-00 1-123-380-00 1-123-356-00	FILM ELECT ELECT	0.47MI 1MF 10MF	•	5% 20% 20%	50V 50V 25V	

PVM-1371QM



The components identified by shading and mark A are critical for safety.

Replace only with part number specified.

REF.NO.	PART NO.	DESCRIPTION			REMARK	REF.NO.	PART NO.	DESCRIPTION	1		REMARK
C512 C513 C514 C515 C516	1-123-380-00 1-108-808-11 1-108-812-11 1-124-514-11 1-102-228-00	ELECT	1MF 0.022MF 0.047MF 100MF 470PF	20% 5% 5% 20% 10%	50V 50V 50V 50V 500V	C825 C827 C828 C829	1-126-541-11 1-123-379-00 1-102-820-00 1-106-385-00 1-102-030-00 1-161-961-11		330MF 0.47MF 330PF 0.056MF	20% 20% 5% 10%	16V 50V 50V 200V
C517 C518 C519 C520 C521	1-106-375-12 1-123-356-00 1-124-499-11 1-123-330-00 1-123-336-00	ELECT ELECT ELECT ELECT	0.022MF 10MF 1MF 22MF 470MF	10% 20% 20% 20% 20% 20%	100V 25V 50V 25V 25V	:	1-102-030-00 1-161-961-11 1-108-702-11 1-136-064-11 1-136-079-11 1-136-612-11 1-108-704-11				200V 2KV 2KV 2KV 200V
C522 C523 C524 C525 C526	1-123-330-00 1-123-330-00 1-123-380-00 1-130-485-00 1-131-356-00			20% 20% 20% 5% 10%	16V 16V 50V 50V 25V	C838 C839 C840 C841	1-108-704-11 1-136-112-00 1-130-800-00 1-136-123-00 1-123-267-00 1-106-357-00			10% 5% 10% 5% 20%	200V 200V 250V 400V 160V
C527 C528 C529 C530 C531	1-126-103-11 1-123-382-00 1-124-499-11 1-130-483-00 1-108-812-11	ELECT ELECT MYLAR MYLAR	470MF 3.3MF 1MF 0.01MF 0.047MF	20% 20% 20% 5%	16V 50V 50V 50V 50V	C842 C843 C844 C846 C849	1-106-357-00 1-123-380-00 1-126-541-11 1-124-580-11 1-108-816-11 1-129-898-00			10% 20% 20% 20%	100V 50V 16V 35V 50V
C532 C533 C534 C535 C536		ELECT MYLAR ELECT ELECT	1MF 10MF 0.001MF 100MF 470MF	20% 20% 5% 20% 20%	50V 16V 50V 25V 25V	C850 C851 C852 C853 C854	1-108-692-11 1-124-557-11 1-102-212-00 1-124-046-00	MYLAR ELECT CERAMIC ELECT	0.0022MF 0.01MF 1000MF 820PF 10MF	5% 10% 10% 20% 10%	200V 25V 500V 160V
C537 C538 C751 C752 C753	1-124-791-11	CERAMIC ELECT ELECT ELECT	2.2MF 100PF 1MF 2.2MF 1MF	20% 5% 20% 20% 20%	50V 50V 50V 50V 50V	C855 C856 C857 C858 C858	1-124-494-00 1-108-700-11 1-162-114-00 1-102-971-00 1-123-369-00	MYLAR CERAMIC CERAMIC ELECT	33MF 0.047MF 0.0047MF 82PF 4.7MF	10% 10% 5% 20%	200V 2KV 50V 50V
C755 C756 C757 C758 C759	1-108-816-11 1-124-791-11 1-162-117-00 1-108-824-00 1-123-356-00	ELECT	10MF	5% 20%	50V 50V 500V 50V 25V	C860 C861 A C862 A C863 A	1-123-332-00 1-136-065-11 1-136-066-11 1-136-064-11 1-108-692-11	FILM FILM FILM MYLAR	47MF	20% 3% 3% 10%	25V 2KV 2KV 2KV 200V
C760 C761 C762 C764 C766	1-124-126-00 1-123-382-00 1-123-330-00 1-123-334-00 1-123-380-00	ELECT ELECT ELECT ELECT	47MF 3.3MF 22MF 220MF 1MF	20% 20% 20% 20% 20%	25V 50V 25V 25V 50V	C868 C870 C871 C872	1-101-361-00 1-123-356-00 1-123-332-00 1-123-380-00 1-108-626-11	ELECT ELECT ELECT MYLAR	150PF 10MF 47MF 1MF 0.01MF	5% 20% 20% 20% 10%	16V 25V 50V 10OV
C767 C768 C769 C801 C802	1-123-380-00 1-108-638-11 1-124-126-00 1-136-173-00 1-123-381-00	ELECT MYLAR ELECT FILM ELECT	1MF 0.1MF 47MF 0.47MF 2.2MF	20% 10% 20% 5% 20%	50V 100V 25V 50V 50V	C873 C874 C876 C877 C877	1-126-103-11 1-108-626-11 1-102-816-00 1-101-361-00 1-101-361-00	ELECT MYLAR	470MF 0.01MF 120PF 150PF 150PF	20% 10% 5% 5% 5%	16V 10OV 50V 50V 50V
C803 C804 C805 C806 C807	1-101-888-00 1-123-380-00 1-102-973-00 1-108-792-11 1-101-361-00	CERAMIC ELECT CERAMIC MYLAR CERAMIC	68PF 1MF 100PF 0.001MF 150PF	5% 20% 5% 5% 5%	50V 50V 50V 50V 50V	C880 C881 C883 C884 C885	1-101-888-00 1-102-820-00 1-130-497-00 1-123-356-00 1-108-814-11	CERAMIC CERAMIC MYLAR ELECT MYLAR	68PF 330PF 0.15MF 10MF 0.068MF	5% 5% 5% 20% 5%	50V 50V 25V 50V
C808 C810 C811 C813 C814	1-123-369-00 1-106-359-00 1-108-626-11 1-106-375-12 1-106-351-00	ELECT MYLAR MYLAR MYLAR MYLAR	4.7MF 0.0047MF 0.01MF 0.022MF 0.0022MF	20% 5% 10% 10% 10%	25V 50V 100V 100V 100V	C886 C887 C888 C889 C895	1-108-796-11 1-123-332-00 1-126-103-11 1-130-497-00 1-102-952-00	MYLAR ELECT ELECT MYLAR CERAMIC	0.0022MF 47MF 470MF 0.15MF 16PF	5% 20% 20% 5%	16V 16V 50V 50V
C815 C816 C817 C818 C819	1-136-298-00 1-123-381-00 1-123-381-00 1-123-330-00 1-123-330-00	FILM ELECT ELECT ELECT ELECT	0.0033MF 2.2MF 2.2MF 22MF 22MF	5% 20% 20% 20% 20% 20%	100V 50V 50V 25V 25V	D1	<con *1-560-126-00</con 	NECTOR>	CTOR (2.5MM) (6P	
C821 C822 C823 C824	1-123-381-00 1-123-380-00 1-123-356-00 1-123-356-00	ELECT ELECT ELECT ELECT	2.2MF 1MF 10MF 10MF	20% 20% 20% 20% 20%	50V 50V 16V 50V	D3 D4	*1-560-128-00 *1-560-125-00 *1-508-765-00 *1-508-765-00	PLUG, CONNECT PIN, CONNECT	CTOR (2.5MM) ¹ FOR (5MM PITC)	5P H) 3P	

The components identified by shading and mark $ilde{\Delta}$ are critical for safety. Replace only with part number specified.



	D. PART NO.		REMARK	REF.NO.	PART NO.	DESCRIPTIO	DN 	RE
D6 D8 D9 D10 D11	*1-564-038-00 *1-560-290-00 *1-560-124-00 *1-560-123-00 *1-560-123-00	CONNECTOR PLUG, DY (MINI) 6P PLUG, CONNECTOR (2.5MM PITCH) PLUG, CONNECTOR (2.5MM) 4P PLUG, CONNECTOR (2.5MM PITCH) PLUG, CONNECTOR (2.5MM) 3P		L809 L810 L811 L812 L814	1-407-841-00 1-408-074-00 1-459-155-00 1-459-115-00 1-407-841-00	COIL 15UH INDUCTOR COIL (WITH COIL, DCC-H	56UH CORE) 45UH	
D12		PLUG, CONNECTOR (2.5MM) 3P		L816	1-408-247-00	INDUCTOR	33MMH	
	<dio< td=""><td>DE></td><td></td><td>1</td><td><tra< td=""><td>NSISTOR></td><td></td><td></td></tra<></td></dio<>	DE>		1	<tra< td=""><td>NSISTOR></td><td></td><td></td></tra<>	NSISTOR>		
D501 D502 D504 D505 D506	8-719-911-19 8-719-911-19	DIODE 1SS119		Q502 Q503 Q504 Q505 Q507	8-729-900-36 8-729-900-36 8-729-900-36 8-729-900-63 8-729-119-76	TRANSISTOR TRANSISTOR TRANSISTOR	DTC124ES DTC124ES DTA124ES	
D507 D509 D751 D752 D753	8-719-911-19 8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119 DIODE 1SS119		Q508 Q509 Q510 Q751 Q752	8-729-119-78 8-729-900-36 8-769-195-00 8-729-119-78 8-729-313-42	TRANSISTOR TRANSISTOR TRANSISTOR	DTC124ES 2SK43-5 2SC2785-HFE	
D754 D801 D802 D803 D804	8-719-911-55 8-719-911-19 8-719-109-85	DIODE 1SS119 DIODE RD5.1ES-B2 DIODE RD20ES-B2		Q754	8-729-306-92 *4-329-153-00 8-729-304-92 *4-329-153-00 8-729-378-92	HEAT SINK, TRANSISTOR HEAT SINK,	V OUT; Q753 2SB649A V OUT; Q754	
D805 D806 D807 D808 D809	8-719-928-08	DIODE ERCO6-15S DIODE ERD28-08S DIODE ERC38-06 DIODE ERC38-06 DIODE ERC38-06 DIODE SUBJECT OF THE PROPERTY OF		0757	8-729-378-92 8-729-378-92 8-729-374-02 8-729-119-78 8-729-119-78	TRANSISTOR TRANSISTOR TRANSISTOR	2SD789-4 2SB740 2SC2785-HFE	
D810 D811 D812 D813 D814	8-719-903-09 8-719-911-19 8-719-300-76 8-719-300-76 8-719-911-19	DIODE V30N DIODE 1SS119 DIODE RH-1A DIODE RH-1A DIODE 1SS119		Q802 Q803 Q804 Q805	8-729-119-76 8-729-119-78 8-729-119-80 8-729-800-87 \$4-363-404-00	TRANSISTOR	2SC2785-HFE 2SC2688-LK 2SD1398	
D815 D816 D817 D818	8-719-911-19	DIODE 1SS119 DIODE 1SS119 DIODE RD12ES-B2 DIODE UO5G		Q806 Q807 Q808 Q810	4-363-414-00 8-729-313-82 8-729-900-36 8-729-900-36 8-729-900-36	TRANSISTOR TRANSISTOR TRANSISTOR	2SD1138 DTC124ES DTC124ES	
	<1C>			Q811 Q812	8-729-119-76 8-729-119-78	TRANSISTOR TRANSISTOR	2SA1175-HFE 2SC2785-HFE	
	8-759-979-16 8-759-105-82	IC CX7916 IC UPC1378H-P		Q813 Q816 Q817	8-729-900-36 8-729-119-78 8-729-119-76	TRANSISTOR TRANSISTOR	DTC124ES 2SC2785-HFE	
I C504 I C801 I C802 I C803 I C804	8-759-345-38 8-759-240-11 8-759-145-58	IC HD14538BP IC TC4011BP IC UPC4558C IC TDA1082 IC RC7812FA		Q818 Q819 Q820 Q821 Q822	8-729-119-76 8-729-119-78 8-729-119-78 8-729-119-78 8-729-119-78	TRANSISTOR	2SA1175-HFE 2SC2785-HFE 2SC2785-HFE 2SC2785-HFE 2SC2785-HFE 2SC2785-HFE	
1000,	*4-323-833-00	HEAT SINK, PIN OUT; IC805		Q823 Q824	8-729-119-78 8-729-119-78			
1 500	<001				<res< td=""><td>ISTOR></td><td></td><td></td></res<>	ISTOR>		
L501 L752 L753 L802 L803		INDUCTOR 1MMH INDUCTOR 22MMH INDUCTOR 33MMH COIL, CHOKE INDUCTOR 3.9MMH	240人。	R504 R505 R506 R507 R508	1-249-425-11 1-249-436-11 1-249-435-11 1-215-455-00 1-249-418-11	CARBON CARBON CARBON METAL CARBON	4.7K 5% 39K 5% 33K 5% 27K 1% 1.2K 5%	1/4W 1/4W 1/4W 1/6W 1/4W
L804 L805 L806 L807 L808	1 -459-568-11 1-407-365-00 1-459-104-00	COIL, HORIZONTAL LINIALITY COIL, CHOKE 980UH COIL, CHOKE COIL, DUST CORE COIL, SPOOK CHOKE 3.3UH	PANEL C	R509 R510 R513 R514 R515	1-215-473-00 1-215-461-00 1-215-479-00 1-215-463-00	METAL METAL METAL METAL METAL CARBON	150K 1% 47K 1% 270K 1% 56K 1% 360 5%	1/4W 1/6W 1/6W 1/6W 1/4W

PVM-1371QM

D													
REF. NO.	PART NO.	DESCRIPTION				REMARK	REF. NO.	PART NO.	DESCRIPTION				REMARK
R516 R517	1-249-415-11 1-247-828-11	CARBON CARBON	680 750	5% 5%	1/4W 1/4W		R591	1-247-886-11		200K	_	1/4W	_
R518 R519 R520	1-249-409-11 1-249-441-11 1-249-425-11	CARBON CARBON CARBON	220 100K 4.7K	5% 5% 5% 5%	1/4W 1/4W 1/4W		R592 R593 R594	1-212-364-00 1-249-413-11 1-249-417-11	CARBON CARBON	2.2 470 1K	5% 5% 5%	1W 1/4W 1/4W	F
R521 R522	1-247-886-11 1-215-458-00	CARBON METAL	200K 36K	5% 1%	1/4W 1/6W		R595 R596	1-249-417-11 1-249-409-11	CARBON CARBON	1K 220	5% 5% 5%	1/4W 1/4W	
R524 R525 R526	1-247-842-11 1-249-430-11 1-247-846-11	CARBON CARBON CARBON	3K 12K 4.3K	5% 5% 5%	1/4W 1/4W 1/4W		R597 R751 R753	1-249-417-11 1-247-874-11 1-249-439-11	CARBON CARBON CARBON	1K 62K 68K	5% 5%	1/4W 1/4W 1/4W	
R527 R528	1-249-433-11 1-215-373-31	CARBON METAL	22K 10		1/4W 1/6W		R754 R755	1-249-432-11 1-249-417-11	CARBON CARBON	18K 1K	5% 5%	1/4W 1/4W	
R529 R530	1-215-866-11 1-215-866-11	METAL OXIDE METAL OXIDE CARBON	330 330 62K	5% 1% 5% 5% 5%	1W 1W 1W 1/4W	F F	R756 R757 R758	1-249-414-11 1-249-417-11 1-249-411-11	CARBON CARBON CARBON	560 1K 330	5%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%	1/4W 1/4W 1/4W	
R531 R532	1-247-874-11	CARBON	43K		1/4W 1/4W		R760 R761	1-249-442-11 1-249-417-11	CARBON CARBON	510 1K	5% 5%	1/4W 1/4W	
R533 R534 R542	1-249-442-11 1-249-442-11 1-216-355-11	CARBON CARBON METAL OXIDE	510 510 3.3	5% 5% 5% 5%	1/4W 1/4W 1W 1/2W	F	R762 R763 R764	1-249-415-11 1-247-886-11 1-247-846-11	CARBON CARBON CARBON	680 200K 4.3K	5% 5% 5% 5%	1/4W 1/4W 1/4W	
R544 R545	1-247-746-11 1-249-420-11	CARBON	390 1.8K	5%	1/4W		R765 R766	1-247-840-11 1-215-871-11 1-247-802-11	METAL OXIDE CARBON	2.2K 62	5% 5%	1W 1/4W	F
R546 R547 R548	1-249-427-11 1-249-417-11 1-249-426-11	CARBON CARBON CARBON	6.8K 1K 5.6K	5% 5% 5% 5%	1/4W 1/4W 1/4W		R767 R768	1-249-405-11 1-249-430-11	CARBON CARBON	100 12K	5% 5%	1/4W 1/4W 1/8W	F
R549 R550	1-249-429-11 1-247-878-00	CARBON CARBON	10K 91K		1/4W 1/4W		R769 R770 R771	1-249-383-11 1-249-383-11 1-247-874-11	CARBON CARBON CARBON	1.5 1.5 62K	5% 5% 5% 5%	1/8W 1/4W	F
R551 R552 R553	1-249-437-11 1-249-428-11 1-249-425-11	CARBON CARBON CARBON	47K 8.2K 4.7K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W		R772 R773	1-247-870-11 1-249-442-11	CARBON CARBON	43K 510	5% 5%	1/4W 1/4W	
R554 R555	1-247-886-11 1-249-426-11	CARBON CARBON	200K 5.6K	5% 5% 5%	1/4W 1/4W		R774 R775 R776	1-249-410-11 1-249-442-11 1-249-411-11	CARBON CARBON CARBON	270 510 330	5% 5% 5%	1/4W 1/4W 1/4W	
R556 R558 R559	1-249-431-11 1-249-435-11 1-249-429-11	CARBON CARBON CARBON	15K 33K 10K	5% 5% 5% 5%	1/4W 1/4W 1/4W		R777 R778	1-249-414-11 1-249-439-11	CARBON CARBON	560 68K	5% 5%	1/4W 1/4W	
R560 R561	1-249-429-11 1-247-876-11	CARBON CARBON	10K 75K		1/4W 1/4W		R779 R780 R781	1-249-429-11 1-249-418-11 1-247-816-11	CARBON CARBON CARBON	10K 1.2K 240	5% 5%	1/4W 1/4W 1/4W	
R562 R563 R564	1-249-439-11 1-249-439-11 1-247-889-00	CARBON CARBON CARBON	68K 68K 270K	5% 5% 5% 5%	1/4W 1/4W 1/4W		R782 R783	1-247-822-11 1-249-410-11	CARBON CARBON	430 270	5% 5%	1/4W 1/4W	
R565	1-249-429-11	CARBON	10K 1M	5% 1%	1/4W 1/6W		R784 R785 R786	1-249-427-11 1-249-383-11 1-249-383-11	CARBON CARBON CARBON	6.8K 1.5 1.5	5% 5% 5%	1/4W 1/8W 1/8W	F
R567 R568 R569	1-249-440-11 1-249-405-11 1-249-439-11	CARBON CARBON CARBON	82K 100 68K	5% 5% 5%	1/4W 1/4W 1/4W		R787 R788	1-247-881-00 1-249-441-11	CARBON CARBON	120K 100K	5% 5%	1/4W 1/4W	
R570	1-247-870-11	CARBON	43K 1K	5%	1/4W 1/4W		R789 R790 R801	1-249-418-11 1-247-104-00 1-249-423-11	CARBON CARBON CARBON	1.2K 15 3.3K	5% 5% 5% 5%	1/4W 1/4W 1/4W	F
R571 R572 R573	1-249-417-11 1-247-881-00	CARBON CARBON CARBON	1K 120K 56K	5% 5% 5% 5%	1/4W 1/4W 1/4W		R802	1-249-432-11 1-247-881-00	CARBON CARBON	18K 120K	5% 5%	1/4W 1/4W	
R574 R575	1-249-438-11 1-249-426-11	CARBON	5.6K 2.2K	5%	1/4W 1/4W		R804 R805 R806	1-249-435-11 1-249-419-11 1-249-421-11	CARBON CARBON CARBON	33K 1.5K 2.2K	5% 5% 5%	1/4W 1/4W 1/4W	
R576 R577 R578	1-249-421-11 1-249-409-11 1-247-889-00	CARBON CARBON CARBON	220 270K	5% 5% 5%	1/4W 1/4W		R807	1-247-894-11 1-249-434-11	CARBON CARBON	430K 27K	5% 5%	1/4W 1/4W	
R579 R580	1-249-441-11 1-249-417-11	CARBON CARBON	100K 1K	5% 5%	1/4W 1/4W		R808 R809 R810	1-249-419-11 1-249-428-11	CARBON CARBON	1.5K 8.2K 51K	5% 5% 1%	1/4W 1/4W 1/6W	
R581 R582 R583	1-249-417-11 1-249-426-11 1-247-892-11	CARBON CARBON CARBON	1K 5.6K 360K	5% 5% 5%	1/4W 1/4W 1/4W		R811	1-215-462-00	CARBON	56K	5%	1/4W	
R584 R585	1-249-437-11 1-249-399-11	CARBON CARBON	47K 33	5% 5%	1/4W 1/4W		R813 R814 R815	1-249-414-11 1-249-426-11 1-249-430-11	CARBON CARBON CARBON	560 5.6K 12K	5% 5% 5%	1/4W 1/4W 1/4W	
R586 R587 R589	1-249-431-11 1-249-417-11 1-249-417-11	CARBON CARBON CARBON	15K 1K 1K	5% 5% 5%	1/4W 1/4W 1/4W		R816	1-249-405-11 1-249-440-11	CARBON	100 82K	5% 5%	1/4W	
R590	1-247-903-00	CARBON	1M	5%	1/4W		R818	1-247-868-11	CARBON	36K	5%	1/4W	

The components identified by shading and mark A are critical for safety.
Replace only with part number specified.

• * : Selected to yield optimum performance.



REF.NO. PAI	RT NO.	DESCRIPTION				REMARK	REF.NO.	PART NO.	DESCRIPTION				REMARK
R820 1-2 R821 1-2 R822 1-2	249-430-11 249-440-11 249-441-11 249-441-11 249-424-11	CARBON CARBON CARBON CARBON CARBON	12K 82K 100K 100K 3.9K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R875 R876 R877 R878	1-249-423-11	CARBON METAL OXIDE CARBON CARBON CARBON CARBON CARBON	3.3K	5%	1/4W 1W 1/4W 1/4W	F
R825 1-2 R826 1-3 R827 1-2 R828 1-2	249-418-11 249-429-11 215-473-00 215-447-00 215-441-00	CARBON CARBON METAL METAL METAL	1.2K 10K 150K 12K 6.8K	5% 5% 1% 1%	1/4W 1/4W 1/6W 1/6W 1/6W		R880 R881 R882 R883 R884	1-249-421-11 1-249-421-11 1-249-417-11 1-249-422-11 1-249-422-11 1-247-881-00		2. 2K 10K 1K 2. 7K 2. 7K 120K		1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	
		CARBON CARBON CARBON CARBON CARBON	20K 22K 24K 27K 30K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		R885 R886 R887 R888 R889		CARBON CARBON CARBON METAL METAL METAL METAL METAL OXIDE			1/4W 1/8W 1/4W 1/6W 1/6W	
* R829 1-2 * R829 1-2 * R829 1-2	249-435-11 249-436-11 249-437-11 249-438-11 247-876-11	CARBON CARBON CARBON CARBON	33K 39K 47K 56K 75K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		*R890 *R891 *R891 *R891 *R891	1-215-397-00 1-215-425-00 1-215-433-00 1-215-439-00 1-215-443-00		1 100 1.5K 3.3K 5.6K 8.2K		1W 1/6W 1/6W 1/6W 1/6W	F
		CARBON CARBON METAL METAL	24K 2.7K 15K 62K	5% 5% 1% 1%	1/4W 1/4W 1/6W 1/6W		i		METAL METAL METAL METAL METAL METAL		1% 1% 1% 1%	1/6W 1/6W 1/6W 1/6W	
		METAL CARBON CARBON METAL OXIDE CARBON	330 1K 6.8K 560	5% 5% 5% 5%	1/4W 1/4W 1/4W 3W 1/4W	F	*R891	1-249-417-11	CARBON	1 K	1% 5% 1% 5%	1/6W 1/6W 1/6W 1/4W	
R841 1-2 R842 1-2 R843 1-2 R844 1-2	216-424-11	METAL OXIDE METAL OXIDE CARBON METAL OXIDE	1.2 6.8K 6.8K 39	5% 5% 5% 5%	1/4W 1W 3W 1/4W 1W	F F	R896 R897 R898 R899	1-249-417-11 1-247-846-11 1-249-417-11 1-249-413-11	CARBON CARBON CARBON CARBON CARBON CARBON CARBON CARBON IABLE RESISTOR RES, ADJ, CAR	1 K 4.3 K 1 K 470	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W	
R845 1-2 R846 1-2 R847 1-2 R848 1-2 R849 1-2	215-465-00 249-411-11 249-429-11 247-846-11 249-432-11	METAL CARBON CARBON CARBON CARBON	68K 330 10K 4.3K 18K	1% 5% 5% 5%	1/6W 1/4W 1/4W 1/4W 1/4W		RV501	<var< td=""><td>TABLE RESISTOR</td><td> > BON 221</td><td>0</td><td></td><td></td></var<>	TABLE RESISTOR	> BON 221	0		
R850 1-3 R851 1-3 R852 1-3 R853 1-3	247-844-11 249-432-11 249-433-11 249-424-11	CARBON CARBON CARBON CARBON CARBON	3.6K 18K 22K 3.9K 330	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		RV502 RV503 RV504 RV505	1-228-724-00 1-228-721-00 1-228-725-00 1-224-249-99 1-228-729-00	RES, ADJ, CAR RES, ADJ, CAR RES, ADJ, CAR RES, ADJ, MET	BON 101 BON 2.1 BON 221 AL GLA	K 2K K ZE 1K		
R856 1-7 R857 1-7 R858 1-7 R859 1-7	249-428-11 249-441-11 247-890-11 249-435-11	CARBON CARBON CARBON CARBON	8.2K 100K 300K 33K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W		RV751 RV752 RV753	1-228-723-00 1-228-724-00 1-228-723-00	RES. ADJ. CAR RES. ADJ. CAR RES. ADJ. CAR	BON 4. BON 101 BON 4.	7K K 7K		
R861 1-1 R862 1-2 R863 1-1 R864 1-1	217-418-00 214-915-00 214-915-00 247-146-00	FUSIBLE CARBON CARBON CARBON	0.47 120K 120K 4.3K	10% 5% 5% 5%	1/2W 1/2W 1/2W 1/2W 1/4W		RV802 RV803 RV804 RV805 RV806	1-237-517-21 1-228-722-00 1-228-720-00 1-228-718-00 1-228-722-00	RES. ADJ. MET RES. ADJ. CAR RES. ADJ. CAR RES. ADJ. CAR	BON 3.3 BON 1K BON 330 BON 3.3	3K 0 3K		
R866 1-1 R867 1-1 R868 1-1 R869 1-1	249-423-11 215-869-11 215-871-11 215-861-00	CARBON CARBON METAL OXIDE METAL OXIDE METAL OXIDE CARBON	4.7K 3.3K 1K 2.2K 47 33K	5% 5% 5% 5% 5%	1/4W 1/8W 1W 1W 1W 1/4W	F F	RV807 RV808 RV809 RV811 RV812	1-228-721-00 1-223-102-00 1-226-192-00 1-228-731-00 1-228-727-00	RES, ADJ, CAR RES, ADJ, WIR RES, ADJ, CAR RES, ADJ, CAR	IEWOUND IBON 471 IBON 470	120 K OK		
R871 1-1 R872 1-1 R873 1-1	249-421-11 249-440-11 249-429-11	CARBON CARBON CARBON CARBON	2.2K 82K 10K 27K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W		7801 <u>↑</u> 7803 <u>↑</u>	1-437-090-11	NSFORMER> HDT TRANSFORMER,	FERRITI	C The		



REF. NO. PART NO. DESCRIPTION REMARK ! REF. NO. PART NO.

DESCRIPTION

REMARK

The components identified by shading and mark A are criti-

Replace only with part number

cal for safety.

specified.

<THERMISTOR>

TH501 1-806-110-00 THERMISTOR TH751 1-800-071-99 THERMISTER, S-300

*1-613-041-11 H BOARD

*4-365-401-00 HOLDER (10 GANG), LED

<DIODE>

8-719-311-13 8-719-311-13 8-719-311-13 DIODE SEL1922D-CD DIODE SEL1922D-CD D681 D682 D683 DIODE SEL1922D-CD DIODE SEL1922D-CD D684 8-719-311-13 D685 8-719-311-13 DIODE SEL1922D-CD D686

8-719-311-13 8-719-311-13 8-719-311-13 8-719-311-13 DIODE SEL1922D-CD DIODE SEL1922D-CD DIODE SEL1922D-CD DIODE SEL1922D-CD D687 0688 D689 D690 8-719-102-34 DIODE SG232D

<TRANSISTOR>

8-729-119-76 TRANSISTOR 2SA1175-HFE Q681

<RESISTOR>

1-249-429-11 1-247-868-11 1-249-428-11 1-249-417-11 R681 CARBON 10K 5%% 5%% 5%% 5%% 1/4WR682 CARBON 36K 1/4W 8.2K 1K CARBON R684 1/4WCARRON 1/4W R685 1-249-417-11 1/4W CARBON R686 R687 1-249-427-11 CARBON 6.8K 1-249-417-11 R688 CARBON 1/4W 1.8K 1-249-420-11 CARBON

<VARIABLE RESISTOR>

RES, VAR, CARBON 20K RES, VAR, CARBON 20K RES, VAR, CARBON 20K RES, VAR, CARBON 20K RES, VAR, CARBON 10K RV681 1-228-937-00 1-228-938-00 1-228-938-00 1-228-938-00 RV682 RV683 RV684 RV685 1-228-936-00

RV686 1-228-936-00 RES, VAR, CARBON 10K

<SWITCH>

1-516-777-99 1-516-777-99 1-516-777-99 1-554-118-00 SLIDE SWITCH SLIDE SWITCH SLIDE SWITCH S671 S672 S673 SWITCH, PUSH (1 KEY) SWITCH, PUSH (5 KEY) S674 1-554-405-00

> MISCELLANEOUS **********

1-162-142-21 CAP BLOCK, HIGH VOLTAGE
1-228-482-14 RESISTOR ASSY, HIGH-VOLTAGE
1-451-239-12 DEFLECTION YOKE (Y13NBA2)
1-452-032-00 MAGNET, DISK; 10MM \$\phi\$
1-452-094-00 MAGNET, ROTATABLE DISK; 15MM \$\phi\$ ↑. 1-162-142-21 ↑. 1-228-482-14

▲ 1-451-239-12 1-452-032-00

MAGNET, BMC PICTURE TUBE NECK ASSY (H TYPE)

1-452-146-21 **A.** 1-452-214-12 1-543-179-00 *1-556-528-11 CORE, RING CONNECTOR ASSY (MINI, DY) 6P

Д. 1-558-159-11 CORD. POWER

CAP, ELECT 1000MF 20% COIL, DEGAUSSING SWITCH, PUSH (AC POWER) (1 KEY) SPEAKER PROPERTY ASSET OF THE PROPERTY ASSETS OF THE PROPERTY ASSETS OF THE PROPERTY ASSETS OF THE PROPERTY OF THE PROPERTY ASSETS OF THE PROPERTY OF T 1-124-557-11

L901 A. 1-426-086-12 S901 A. 1-554-967-11 SP901 1-503-258-21

TRANSFORMER ASSY, FLYBACK T802 A. 1-439-308-12

V901 A.8-738-312-05 PICTURE TUBE (330YB22)

ACCESSORIES AND PACKING MATERIALS

DESCRIPTION PART NO.

REMARK

*3-764-869-11 *4-364-734-00 *4-364-735-00 4-365-429-01 INSTRUCTION, DBP CAUTION CUSHION (UPPER) (ASSY) CUSHION (LOWER) (ASSY)

INDIVIDUAL CARTON 4-493-991-11 MANUAL, INSTRUCTION

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